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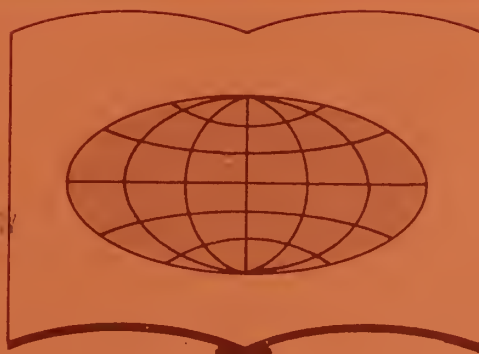
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Pesticides DOCUMENTATION BULLETIN

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Volume 4
October 11, 1968

Number 21



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U.S. DEPARTMENT OF AGRICULTURE

PESTICIDES DOCUMENTATION BULLETIN

Volume 4
October 11, 1968
Number 21

A Bi-Weekly Publication of U.S. Department of Agriculture

OBJECTIVES AND SCOPE

The *Pesticides Documentation Bulletin* is compiled by the National Agricultural Library's Pesticides Information Center to facilitate national research efforts in all aspects of pest control. This bi-weekly index to the literature includes coverage of diseases, insects, nematodes, parasites, weeds and other pests affecting plants, animals, man, our natural resources and other values in man's environment. Special emphasis is given to the literature on toxicological, physiological and epidemiological aspects of pests and their control by chemical biological and integrated methods.

For broader coverage of literature on agriculture and related subjects, please consult the *Bibliography of Agriculture*, a monthly publication of the National Agricultural Library.

FORMAT

The *Bulletin* is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

- 10 Entomology
- 20 Crop Protection
- 30 Livestock Protection
- 40 Commodity Protection
- 50 Environmental Contamination
- 55 Residues
- 60 Toxicology
- 65 Plant Physiology & Biochemistry
- 70 Chemistry
- 80 Engineering
- 90 Industry

Citations: Each citation consists of an accession number assigned serially with the last two digits representing the Bulletin's issue year, i.e. 3286-67. The citation number (minus the year) is used in all indices. Following the accession number is the full title of the article; all personal authors; an abbreviated journal title; volume, issue and inclusive page numbers; date of publication; language abbreviation, if other than English; and the National Agricultural Library's call number. Subject descriptors, patent or grant numbers, bibliographer's notes, and abstracts or extracts may follow each citation when appropriate.

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Biographical Index: Names of first authors are arranged alphabetically, followed by organizational affiliation and accession number.

Author Index: Names of personal authors are arranged alphabetically, followed by accession numbers of pertinent citations.

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The INTREDIS Register is a computer data bank in the field of forest pathology. It contains title and author references to abstracted articles including subject, country, host plant genus or species, organisms causing the diseases, abstracting journal and year of publication. The computer search uses boolean parameters in any combination of elements listed.

The Herbicides Data File consists of reports on field tests conducted by the Crops Protection Research Branch, Crop Research Division, Agriculture Research Service. Each test record contains the following items of information:

- Compound Tested
- Company furnishing the compound
- Author or Investigator
- Test Sponsor
- Date
- Location
- Mode of Application
- Rates of Application
- Soil Types
- Carriers
- Crops or Weeds tested with phytotoxicity ratings
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ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective services can be developed through a coordinated and cooperative interdepartmental effort.

Use of funds for printing this publication approved by the Director of the Bureau of the Budget (May 23, 1968).

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This publication reports research involving pesticides. It does not contain recommendations for their use, nor does it imply that the uses discussed here have been registered. All uses of pesticides must be registered by appropriate State and/or Federal agencies before they can be recommended.

CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

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TWO NEW SPECIES OF DERMATOPHAGOIDINAE. CONNECTION OF THIS SUB-FAMILY WITH THE PYROGLYPHIDAE (SARCOPTIFORMES). (FR)
 A Fain
Acarologia 09(4):870-881
 Dec 1967 434.8 AC1
 Dusting, Habitats, Insect morphology, Insect taxonomy, Mites, Zoogeography.
- 19395-68**
COLYDIID BEETLES OF HAWAII, WITH THE DESCRIPTION OF A NEW SPECIES (COLEOPTERA: COLYDIIDAE).
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 Coleoptera, Insect taxonomy.
- 19396-68**
ON THE GENERIC POSITION OF 'PLESIOCERA' FLAVIFRONS BECKER AND OF A FEW RELATED SPECIES (DIPTERA, BOMBYLIIDAE).
 F J J Francois
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 Bombyliidae, Catalogs, Diptera, Insect taxonomy. French abstract
- 19397-68**
MIGRATION RECORDS, 1965.
 R A French
Entomologist (london) 101(1262):156-161
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 Butterflies, Insect migration, Moths, Surveys.
- 19398-68**
THE IDIOCERINAE OF MADAGASCAR (HOM. CICADELLIDAE).
 P H Freytag W J Knight
Soc Entomol France Ann 02(1):75-103
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 Cicadellidae, Insect taxonomy, Malagasy Republic. French and english abstract
- 19399-68**
NOTES ON THE SYSTEMATICS AND MORPHOLOGY OF THE LACEBUG SUBFAMILY CANTACADERINAE (HEMIPTERA: TIN-GIDAE).
 R C Froeschner
Entomol Soc Wash Mem 70(3):245-254 REF
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 Insect morphology, Insect taxonomy, Tingidae.
- 19400-68**
TELAMONA ARCHBOLDI, A NEW TREEHOPPER FROM FLORIDA (HOMOPTERA: MEMBRACIDAE).
 R C Froeschner
Entomol Soc Wash Mem 70(2):154-155
 Jun 1968 420 W27M
 Insect taxonomy, Membracidae.
- 19401-68**
MAYFLIES TAKEN AT THE ARCHBOLD BIOLOGICAL STATION, HIGHLANDS COUNTY, FLORIDA.
 S W Frost
Fla Entomol 50(4):281-284
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 Demography, Ephemeroptera, Light traps.
- 19402-68**
NEW GENERA OF THE FAMILY ANALGIDAE, TROUESSART AND MEGNIN. (FR)
 J Gaud W T Attyed
Acarologia 9(2):447-464
 Jul 1967 434.8 AC1
 Insect taxonomy, Mites.
- 19403-68**
FIVE NEW GENERA OF THE FAMILY ANALGIDAE, TROUESSART AND MEGNIN. (FR)
 J Gaud W T Attyed
Acarologia 9(2):435-446
 Jul 1967 434.8 AC1
 Insect taxonomy, Mites.
- 19404-68**
A CONTRIBUTION TO THE SYSTEMATICS OF THE GENUS AMITERMES (ISOPTERA: TERMITIDAE) IN AUSTRALIA.
 F J Gay
Australian J Zool 16(3):405-457
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 Insect identification, Insect taxonomy, Termites. English abstract
- 19405-68**
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 F J Gay
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- 19406-68**
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 B B Given
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 Catalogs, Insect taxonomy.
- 19407-68**
NOTES ON THE TAXONOMIC CHARACTERS AND DISTRIBUTION OF AEDES ALOPONOTUM DYAR AND AEDES COMMUNIS (DE GEER) (DIPTERA: CULICIDAE).
 C M Gjullin L F Lewis D M Christenson
Entomol Soc Wash Mem 70(2):133-136
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 Aedes, Insect taxonomy, Larvac, Zoogeography.
- 19408-68**
THE UNION OF ARGIA FUMIPENNIS (BURMEISTER, 1839) WITH ARGIA VIOLACEA (HAGEN, 1861), AND THE RECOGNITION OF THREE SUBSPECIES (ODONATA).
 L K Gloyd
Mich Univ Mus Zool Occas Pap 00(658):1-6 MAP
 14 Jun 1968 410 M582
 Argidae, Insect biology, Insect names, Insect taxonomy, Zoogeography.
- 19409-68**
NOTE ON SEVERAL PHYTOPHAGOUS MITES FROM THE ISLAND OF REUNION WITH A DESCRIPTION OF A NEW SPECIES OF THE GENUS EOTETRANYCHUS OUDEMANS (TETRANYCHIDAE). (FR)
 J Gutierrez
Acarologia 10(3):443-449 REF
 Sep 1968 434.8 AC1
 Insect taxonomy, Mites, Tetranychidae. English abstract
- 19410-68**
FIVE OTHER NEW SPECIES OF TETRANYCHIDAE OF MADAGASCAR (3). (FR)
 J Gutierrez
Acarologia 09(3):566-580
 Jul 1967 434.8 AC1
 Habitats, Insect taxonomy, Tetranychidae. English abstract
- 19411-68**
NEW SPECIES OF ERYTHRONEURA (HOMOPTERA: CICADELLIDAE).
 L W Hepner
Entomol News (philadelphia) 78(3):59-73
 Mar 1967 421 EN88
 Cicadellidae, Insect taxonomy.
- 19412-68**
DIEUCHES JAPONICUS NEW NAME FOR DIEUCHES FUSCUS HIDAKA PREOCCUPIED (HETEROPTERA: LYGAEIDAE).
 T Hidaka A C Eyles
New Zealand J Sci 11(2):337-341
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 Insect taxonomy, Lygaeidae. English abstract
- 19413-68**
THE DIPLOPODA OF TURKEY.
 R L Hoffman H Lohmander
Hamburg Zool Mus Inst Mitt 65:61-121 MAP
 May 1968 410.9 H172
 Diplopoda, Insect taxonomy, Zoogeography.
- 19414-68**
QUANTITATIVE SAMPLING OF AQUATIC INSECTS IN A SHALLOW WATER HABITAT.
 Y Hokama R K Washino
Entomol Soc Amer Ann 61(3):785-786
 Jun 1968 420 EN82

ENTOMOLOGY

19415-68

Aquatic insects, Ecology, Larvae, Light traps, Quantitative analysis, Sampling (statistics), Water.

19415-68

THE SUBGENUS *PERSICARGAS* (IXODOIDEA, ARGASIDAE, ARGAS). S. A. (P.) ZUMPTI, NEW SPECIES, A PARASITE OF THE SOUTH AFRICAN CAPE VULTURE.

H Hoogstraal M N Kaiser G M Kohls

Entomol Soc Amer Ann 61(3):744-751, MAP REF May 1968 420 EN82

Argas zumpti, Argasidae, Birds, Insect dissemination, Ixodidae, Larvae, Nymphs, Parasitic insects.

19416-68

THE GENUS *DIARTHROPHALLUS* TRAGARDH, 1946. (ACARINA: DIARTHROPHALLIDAE).

P E Hunter S Glover

Entomol Soc Wash Mem 70(3):193-197

Sep 1968 420 W27M

Acarina, Insect taxonomy, Larvae, Zoogeography.

19417-68

DIGAMASELLID MITES ASSOCIATED WITH BARK BEETLES AND LITTER IN NORTH AMERICA.

H W Hurlbutt

Acarologia 09(3):497-534 REF

Jul 1967 434.8 AC1

Forest litter, Insect ecology, Insect taxonomy, Larvae, Mites, Scolytidae.

19418-68

ON THE AUTHORSHIP OF THE GENERIC NAME *TAGALIS* AND THE INVALIDITY OF THE FAMILY-GROUP NAME *TAGALIDAE* (HEMIPTERA: REDUVIIDAE).

R F Hussey P Wygodzinsky

N Y Entomol Soc J 76(1):34-36 REF

29 Mar 1968 420 N48J

Insect taxonomy, Reduviidae.

Abstract

19419-68

A REVISION OF THE JAPANESE SPECIES OF THE SUBGENUS *ORIENTOMYIA* SAIGUSA (DIPTERA, EMPIDIDAE, GENUS RHAMPHOMYIA).

S Ito T Saigusa

Mushi 40(Pt 9):97-118

24 Mar 1967 421 M97

Diptera, Empididae, Insect taxonomy, Reviews.

19420-68

THE EXTENSION IN EUROPE OF GNATHOTRICUS MATERIARIUS FITCH (COLEOPTERA SCOLYTIDAE). (FR)

R Joly

Paris Acad Agr France Compt Rend Seances Hebd 54(7):508-511 MAP

Jul 1968 14 P215BC

Insect ecology, Scolytidae, Zoogeography.

19421-68

SOME AVIAN ECTOPARASITES IN NEW ENGLAND.

J E Keirans

Entomol News (philadelphia) 78(2):40-42

Feb 1967 421 EN88

Birds, Hippoboscidae, Ixodidae, Parasitic insects, Siphonaptera, Surveys.

19422-68

THE SPECIFIC STATUS OF *PSEUDODIPSAS* ILLIDGEI WATERHOUSE AND *LYELL* STAT. N. (LEPIDOPTERA: LYCAENIDAE).

J F R Kerr J Macqueen D P Sands

Entomol Soc Australia (nsw) J 07(1):28

30 Jun 1968 423.92 EN84

Insect taxonomy, Lycaenidae. English abstract

19423-68

PHYCNOSARCINI, AN ADDITIONAL TRIBE OF ROMALEINE ACRIDIDAE (ORTHOPTERA).

D K McE Kevan

Soc Uruguay Entomol Rev 7(00):66-71

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15 Jul 1968 423.92 SO1

Acrididae, Insect taxonomy. Spanish abstract

19424-68

OCCURRENCE OF *AEOPSIS* *ROBINII* (COLEOPTERA: CARABIDAE) IN GLAMORGAN.

P E King

Entomologist (london) 101(1265):235

Oct 1968 421 EN8

Aquatic insects, Carabidae, Coleoptera, Zoogeography.

19425-68

REVISION OF THE AFRICAN SPECIES OF THE TERMITOPHILOUS TRIBE COROTOCINI (COLEOPTERA: STAPHYLINIDAE). I. A NEW GENUS AND SPECIES FROM OVAMBOLAND AND ITS ZOOGEOGRAPHIC SIGNIFICANCE.

D H Kistner

N Y Entomol Soc J 76(3):213-221

Sep 1968 420 N48J

Insect taxonomy, Staphylinidae, Zoogeography. English abstract

19426-68

REVISION OF THE AFRICAN SPECIES OF THE TERMITOPHILOUS TRIBE COROTOCINI (COLEOPTERA, STAPHYLINIDAE). II. THE GENERA *TERMITOMIMUS* TRAGARDH AND *NASUTIMIMUS* NEW GENUS AND THEIR RELATIONSHIPS.

D H Kistner

Coleopt Bull 22(3):65-93 MAP REF

Sep 1968 421 C674

Insect evolution, Insect taxonomy, Staphylinidae, Zoogeography.

19427-68

THE NORTH AMERICAN *MICROCRAMBUS* (LEPIDOPTERA: PYRALIDAE).

A B Klots

N Y Entomol Soc J 76(1):9-21

29 Mar 1968 420 N48J

Insect taxonomy, Pyralidae.

Abstract

19428-68

THE *CICINDELA*-, *CYCHRUS*-, *CARABUS*- AND *CALOSOMA*- GENERA IN NORTHERN HESSE (COLEOPTERA, CICINDELIDAE, CARABIDAE). (GE)

A Korell

Entomol Z 78(13):145-150

01 Jul 1968 421 EN85

Carabidae, Cicindelidae, Coleoptera, Insect taxonomy.

19429-68

A NEW SPECIES OF THE GENUS *MACROCEPHALUS* SWEDERUS FROM MEXICO (HEMIPTERA: PHYMATIDAE).

N A Kormilev

Entomol Soc Wash Mem 70(3):242-245

Sep 1968 420 W27M

Insect taxonomy, Phymatidae.

19430-68

DIRECTION AND INTENSITY OF THE VARIABILITY IN EXTERNAL FEATURES OF HOUSE BEES FROM DIFFERENT POPULATIONS. (RUS)

V G Korolev

Zool Zhur 47(7):1040-1044

Jul 1968 410 R92

Bees, Insect morphology, Insect taxonomy, Statistical analysis. Russian and english abstract

19431-68

HISTOLOGICAL AND HISTOCHEMICAL DATA ON THE FEMALE GENITAL ORGANS AND ON THE OOTHECAL SECRETIONS OF SEVERAL ACRIDIDS (ORTH. ACRIDOIDEA). (RF)

S Lauverjat

Soc Entomol France Ann 1(4):879-935 REF

1965 420 F84

Acrididae, Histochemistry, Insect histology, Orthoptera, Reproductive organs, Secretion. English abstract

19432-68

TABANIDAE (DIPTERA) OF THE BALKANS. (DU)

M Leclercq

Entomol Ber 28(2):21-23

01 Feb 1968 420 N38B

Catalogs, Insect taxonomy, Tabanidae.

19433-68

TWO INTERESTING HYMENOPTERA-ACULEATA FROM SINT PIETERSBERG. (DU)

V Lefebvre

Entomol Ber 27(10):181-182

01 Oct 1967 420 N38B

Hymenoptera, Insect taxonomy. English abstract

19434-68

ON A NEW SPECIES OF THE GENUS *GROMPHADORHINA* (DIPT. PERISPHAERINAE). (FR)

J-c Lefevre

Soc Entomol France Ann 02(3):731-746 REF

1966 420 F84

Blattidae, Insect morphology, Insect taxonomy, Larvae, Zoogeography. English abstract

19435-68

REVISION OF GENERA CLOSELY RELATED TO *PACHORHOPALA* BERNHAUER (2). (COL. STAPHYLINIDAE). (FR)

L Levasseur

Soc Entomol France Ann 02(1):127-175

1966 420 F84

Catalogs, Insect anatomy, Insect taxonomy, Staphylinidae.

19436-68

REVISION OF THE CLOSELY RELATED GENERA OF *PACHORHOPALA* (1) (COL. STAPHYLINIDAE ZYRASINI). (FR)

L Levasseur

Soc Entomol France Ann 01(3):567-607

1965 420 F84

Insect taxonomy, Staphylinidae. English abstract

19437-68

A SIMPLE DEVICE TO AID TIME-LAPSE STUDIES WITH INSECTS.

J R Linley F D S Evans

Entomol Soc Amer Ann 61(3):775-777

May 1968 420 EN82

Biological clocks, Equipment, Insects, Research, Time.

19438-68

RHYSOTRITIA ARDUA LARVA (C. L. KOCH) 1836 (ACARINA, ORIBATES). (FR)

J-c Lions

Acarologia 09(1):273-283 REF

Apr 1967 434.8 AC1

Insect taxonomy, Larvae, Mites, Oribatei. French abstract

19439-68

A CONTRIBUTION TO THE KNOWLEDGE OF THE AFRICAN COCCOIDEA (HOMOPTERA).

G De Lotto

Entomol Soc Southern Afr J 29:109-120

31 Mar 1967 420 EN86

Catalogs, Coccoidea, Homoptera, Insect taxonomy, Zoogeography.

19440-68

NEW RECORDS OF CARABIDAE (COLEOPTERA) FROM NORTHERN IRELAND.

M L Luff

Entomologist (london) 101(1264):193-195

Sep 1968 421 EN8

Carabidae, Habitats, Insect taxonomy.

19441-68

MYOCOPTES ONDATRAE SPEC. NOV., A NEW PARASITE OF ONDATRA ZIBETHICA L. (LIS-TROPHORIDAE: SARCOPTIFORMES). (GE)

F S Lukoschus J G J H Rouwet

Acarologia 10(3):483-492

Sep 1968 434.8 AC1

Insect taxonomy, Mites, Parasitic insects.

19442-68

APHIDIUS RUBIFOLII N. SP. (HYMENOPTERA: APHIDIIDAE), A PARASITOID OF MASONAPHIS MAXIMA FROM BRITISH COLUMBIA.

M Mackauer

65(0):34-35

01 Aug 1968

Aphididae, Hymenoptera, Insect taxonomy. English abstract

19443-68

AUSTRALIAN BLATTIDAE (BLATTODEA). IX. REVISION OF POLYZOSTERIINAE TRIBE METHANINI, TRYONICINAE, AND BLATTINAE.

M J Mackerras

Australian J Zool 16(3):511-575 REF

Jul 1968 410 AU73

Blattidae, Insect identification, Insect taxonomy. English abstract

19444-68

TWO NEW SPECIES OF SCUTACARIDAE (ACARI) FROM VIETNAM ZOOLOGISCHE ERGEBNISSE DER FORSCHUNGEN VON DR. T. POCS.

S Mahunka

Acarologia 09(1):26-29

Apr 1967 434.8 AC1

Insect taxonomy, Mites.

19445-68

A REDESCRIPTION OF RADFORDILAEAPUS MERIDIONALIS ZUMPT, 1950, WITH A NEW DESCRIPTION OF THE PROTONYMPH AND A DISCUSSION ON THE INTRASPECIFIC VARIATION OF THE SPECIES.

M A Makowski E K Ngeungebulu

Acarologia 09(4):801-818

Dec 1967 434.8 AC1

Insect anatomy, Insect taxonomy, Larvae, Mites, Parasitic insects.

19446-68

EXTRACTION OF SOIL MICROARTHROPODES BY THE BURLESE-TULLGREN APPARATUS. (FR)

M Maldague

Natur Can 93(6):719-736 REF

Nov 1966 410 N216

Collembola, Experimental insects, Insect collecting equipment, Soil analysis, Soil insects. English and french abstract

19447-68

A NEW CONCEPT INVESTIGATION OF THE LEPIDOPTERA OF LOWER AUSTRIA AND THE NORTHERN BURGENLAND. (GE)

H Malicky

Entomol Z 78(18):201-216 MAP REF

15 Sep 1968 421 EN85

Austria, Insect taxonomy, Lepidoptera, Zoogeography.

19448-68

A NEW CONCEPT IN THE INVESTIGATION OF THE LEPIDOPTERA OF LOWER AUSTRIA AND NORTHERN BURGENLAND. (GE)

H Malicky

Entomol Z 78(19):217-224 MAP REF

01 Oct 1968 421 EN85

Insect ecology, Lepidoptera, Zoogeography. German abstract

19449-68

PANONYCHUS ELONGATUS MANSON (ACARINA: TETRANYCHIDAE)-A DESCRIPTION AND COMPARISON WITH P. CITRI (MCG.).

D C M Manson

Entomol Soc Australia (nsw) J 07(1):6-10

30 Jun 1968 423.92 EN84

Insect morphology, Insect taxonomy, Tetranychidae. English abstract

19450-68

THE SPIDER MITE FAMILY TETRANYCHIDAE IN NEW ZEALAND II-THE GENUS TETRANYCHUS.

D C M Manson

Acarologia 09(3):581-597 REF

Jul 1967 434.8 AC1

Insect taxonomy, Tetranychus, Zoogeography.

19451-68

THE SPIDER MITE FAMILY TETRANYCHIDAE IN NEW ZEALAND. III--THE GENUS SCHIZOTETRANYCHUS.

D C M Manson

Acarologia 09(4):823-840

Dec 1967 434.8 AC1

Insect taxonomy, Larvae, Mites, Tetranychidae. French and english abstract

19452-68

THE SPIDER MITE FAMILY TETRANYCHIDAE IN NEW ZEALAND. I. THE GENUS BRYOBIA.

D C M Manson

Acarologia 09(1):76-123 REF

Apr 1967 434.8 AC1

Insect morphology, Insect taxonomy, Mites, Tetranychidae. English abstract

19453-68

A NEW SPECIES OF ALYSIA PARASITIC ON CARRION-FEEDING FLIES (HYMENOPTERA: BRACONIDAE).

P M Marsh

Entomol Soc Wash Mem 70(3):208-210

Sep 1968 420 W27M

Braconidae, Food habits, Insect behavior, Insect taxonomy, Parasitic insects.

19454-68

SOME NEW AND LITTLE KNOWN DROMIINI (COL. CARABIDAE) IN NEOTROPICAL AMERICA. (SP)

J Mateu

Soc Uruguaya Entomol Rev 7(00):72-79

15 Jul 1968 423.92 SO1

Carabidae, Insect taxonomy.

19455-68

DISTRIBUTION OF TWO STREPSIPTERA IN FLORIDA: 1960-1962.

K E Meadows

Fla Entomol 50(2):137-138

Jun 1967 420 F662

Strepsiptera, Zoogeography.

19456-68

DESCRIPTION AND BIOECOLOGICAL OBSERVATIONS OF A NEW SPECIES OF SCOTUSSA (ORTHOPTERA, ACRIDIDAE). (SP)

A Mesa L C de Zolessi

Soc Uruguaya Entomol Rev 7(00):4-19 REF

15 Jul 1968 423.92 SO1

Acrididae, Insect ecology, Insect taxonomy. English and spanish abstract

19457-68

TWO NEW SPECIES OF THE GENUS AULACORTHUM MORDVILKO FROM JAPAN, (HOMOPTERA: APHIDIDAE).

M Miyazaki

Insecta Matsumurana 30(2):125-128

Jul 1968 421 IN77

Aphididae, Catalogs, Insect identification, Insect taxonomy.

19458-68

OBSERVATIONS AND RECORDS FOR SOME BRITISH THYSANOPTERA VII. THIRIPIDAE, THRIPS FLAVUS SCHRANK ANT THRIPS BREVICORNIS PRIESNER.

G D Morison

Entomologist (london) 101(1264):205-212 REF

Sep 1968 421 EN8

Insect anatomy, Insect taxonomy, Larvae, Thripidae, Thysanoptera.

19459-68

THREE NEW SOUTHEASTERN PARASITIC HYMENOPTERA.

C F W Muesebeck

Fla Entomol 50(1):57-61

Mar 1967 420 F662

Braconidae, Hymenoptera, Insect taxonomy, Parasitic insects, Syrphidae.

19460-68

THREE NEW REARED BRACONIDAE (HYMENOPTERA).

C F W Muesebeck

Entomol News (philadelphia) 78(5):135-139

May 1967 421 EN88

Braconidae, Insect rearing, Insect taxonomy.

19461-68

NEW SPECIES AND RECORDS OF PHYTOSEIIDAE (ACARINA: MESOSTIGMATA) FROM NORTH CAROLINA FOREST LITTER.

M H Muma L J Metz M H Farrier

Fla Entomol 50(3):199-206 REF

Sep 1967 420 F662

Acarina, Insect taxonomy, Phytoseiidae.

19462-68

CONTRIBUTION TO THE STUDY OF ACARINE PARASITES OF MADAGASCAN ORTHOPTERA. I. THE GENUS PODAPOLIPUS (PODAPOLIPIDAE): PRELIMINARY DIAGNOSIS OF NEW SPECIES. (FR)

M H Naudo

Acarologia 09(1):30-54 REF

Apr 1967 434.8 AC1

Insect taxonomy, Mites, Parasitic insects. French, german and english abstract

19463-68

THE GENERA COMPTOTOMA AND CHAETOGYNS (COL. CARABIDAE). (FR)

J Negre

Soc Entomol France Ann 02(3):687-692

1966 420 F84

Carabidae, Insect taxonomy. Spanish abstract

19464-68

CYTOGENETICS OF TICKS. 4. CHROMOSOMES OF ARGAS (PERSICARGAS) ZUMPTI.

J H Oliver Jr

Entomol Soc Amer Ann 61(3):787-788

May 1968 420 EN82

Argas persicus, Argas zumpti, Cells, Chromosomes, Cytogenetics, Ixodides, Nymphs.

19465-68

DYTISCIDAE (COLEOPTERA) OF NYASALAND AND SOUTHERN RHODESIA. X. CYBISTERINI AND ADDENDA.

J Omer-Cooper

Entomol Soc Southern Afr J 29:48-63 REF

31 Mar 1967 420 EN86

Coleoptera, Dytiscidae, Insect taxonomy, Zoogeography.

19466-68

DESCRIPTIONS OF TWO NEW SPECIES OF POECILMITIS BUTLER (LEPIDOPTERA: LYCAENIDAE).

K M Pennington

Entomol Soc Southern Afr J 29:121-123

31 Mar 1967 420 EN86

Insect taxonomy, Lepidoptera, Lycaenidae.

19467-68

GIGANTOCOCCUS, NEW GENUS OF COCHENILLE MARGAROIDAE FOR ICERYA MAXIMA NEWSTEAD 191400ICERYA CORTICALIS VAYSSIERE 1926. REDESCRIPTION OF THE AFRICAN SPECIES GIGANTOCOCCUS MAXIMUS (NEWSTEAD). (FR)

P Person I Bielenin

Soc Entomol France Ann 02(1):219-251 REF

1966 420 F84

Coccidae, Insect taxonomy. French and english abstract

19468-68

EGGS OF MOTHS AMONG THE ETHMIIDAE, ACROLOPIIDAE AND HEPIALIDAE.. MICROLEPIDOPTERA.

A Peterson

Flo Entomol 50(3):181-183

Sep 1967 420 F662

Insect eggs, Insect physiology, Insect taxonomy, Microlepidoptera, Moths.

19469-68

THE ZOPHOSIS OF SUDAN (COL. TENEBRIONIDAE). (FR)

F Pierre

Soc Entomol France Ann 03(2):459-469 MAP, REF

1967 420 F84

Insect taxonomy, Tenebrionidae, Zoogeography. English abstract

19470-68

GENERA AND SPECIES OF THE DERMATERA. 7. CHELISOCHIDAE (FORFICULOIDEA).

E J Popham

Entomologist (london) 101(1261):133-136

Jun 1968 421 EN8

Dermaptera, Insect identification, Insect taxonomy.

19471-68

A REVIEW OF THE GENUS TURACOECA WITH DESCRIPTION OF A NEW SPECIES (MALLOPHAGA: MENOPONIDAE).

R D Price

Entomol Soc Wash Mem 70(3):258-263

Sep 1968 420 W27M

Insect taxonomy, Menoponidae, Parasitic insects.

19472-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967. LINCOLN, NEW ZEALAND. THE ARGASID TICK ORNITHODOROS CAPENSIS NEUMANN, FROM THE KERMADEC ISLANDS.

G W Ramsay

New Zeal Entomol 4(1):32-34

Mar 1968 421 N48

Aquatic birds, Argasidae, Ornithodoros, Zoogeography.

19473-68

ON THE DISCOVERY OF LEPTIDEA MORSEI IN STYRIA (LEP., PIERIDAE). (GE)

K Rath

Entomol Z 78(9):99-102

02 May 1968 421 EN85

Insect taxonomy, Lepidoptera, Pieridae, Zoogeography.

19474-68

ORIBATEI FROM A BIRD NEST.

R M Reeves

Acarologia 09(1):284-289

Apr 1967 434.8 AC1

Habitats, Insect taxonomy, Mites, Orihatei.

19475-68

ECOLOGICAL AND SYSTEMATICAL INVESTIGATION INTO CHIRONOMIDS (DIPTERA) OF LAKE CONSTANCE. A CONTRIBUTION TO THE 'LAKUSTRISCHEN' CHIRONOMID FAUNA OF THE NORTHERN ALPINE DISTRICTS. (GE)

F Reiss

Arch Hydrobiol 64(2):176-246 (CONT)

Mar 1968 410 AR28

Chironomidae, Insect ecology, Insect taxonomy, Lakes, Seasonal variation, Temperature.

19476-68

ECOLOGICAL AND SYSTEMATICAL INVESTIGATION OF CHIRONOMIDS (DIPTERA)

OF LAKE CONSTANCE. A CONTRIBUTION TO THE 'LAKUSTRISCHEN' CHRONOMID FAUNA OF THE NORTHERN ALPINE DISTRICTS. (GE)

F Reiss

Arch Hydrobiol 64(3):247-323 (CONCL) REF

Apr 1968 410 AR28

Chironomidae, Insect ecology, Insect taxonomy, Lakes, Seasonal variation, Temperature. German and english abstract

19477-68

THE MALLOPHAGA GENUS RICINUS DE GEER, 1778. REVISION OF THE EXTERNAL AMERICAN SPECIES. (GE)

G Rheinwald

Homburg Zool Mus Inst Mitt 65:181-326 REF

May 1968 410.9 H172

Insect biology, Insect taxonomy, Mallophaga, Zoogeography. German abstract

19478-68

MOYANELLA GIGAX BOSHELL AND KERR 1942, TYPE OF MOYANELLINEAE N. SUBFAM. (ACARINA-THROMBIDIIDAE). (FR)

P Robaux

Acarologia 09(4):841-847

Dec 1967 434.8 AC1

Insect taxonomy, Mites, Zoogeography.

19479-68

REVISION OF TANAUPODINAE AND LASSENINAE (ACARINA: THROMBIDIIDAE). PRELIMINARY. (FR)

P Robaux

Acarologia 09(1):124-126

Apr 1967 434.8 AC1

Insect taxonomy, Mites, Reviews.

19480-68

WOOD- AND BARK-FEEDING COLEOPTERA OF FELLE SPRUCE IN INTERIOR BRITISH COLUMBIA.

D A Ross

65(0):10-12

01 Aug 1968

Catalogs, Coleoptera, Forest insects, Host relationships, Picea, Scolytidae, Wood borers. English abstract

19481-68

REVIEW OF THE SOUTH AFRICAN CUCKOO-BEE GENUS PSEUDODICHROA (HYMENOPTERA, APOIDEA).

J G Rozen

Amer Mus Novitates 2347(0):1-10 MAP

04 Oct 1968 500 N4830N

Hymenoptera, Insect taxonomy, Zoogeography.

19482-68

NEW AND INADEQUATELY DESCRIBED SPECIES OF BLACK FLIES (DIPTERA, SIMULIIDAE). COMMUNICATION I.

I A Rubtsov

Entomol Rev 46(3):434-441

Jul 1967 421 R322AE

Diptera, Insect taxonomy, Simuliidae.

19483-68

VENEZALEURODES PISONIAE. A NEW GENUS AND SPECIES OF WHITEFLY FROM VENEZUELA (HOMOPTERA: ALEYRODIDAE).

L M Russell

Flo Entomol 50(4):235-241

Dec 1967 420 F662

Aleyrodidae, Homoptera, Insect taxonomy.

19484-68

NOTES ON SOME NEARCTIC CHIRONOMID LARVAE.

O A Sæther

Entomol News (philadelphia) 78(8):197-208 REF

Oct 1967 421 EN88

Chironomidae, Insect taxonomy, Larvae.

19485-68

PARANEONYSSUS DENDROCITTI, A NEW SPECIES OF RHINONYSSIDAE (ACARI: MESOSTIGMATA) FROM TAIWAN.

I Sakakibara R W Strandtmann

Pacific Insects 10(1):43-45

10 May 1968 421 P11

Insect taxonomy, Mites. English abstract

19486-68

A PRELIMINARY REVIEW OF THE GENUS HOMOGAETOTHRIPS GEN. N., WITH BRIEF DESCRIPTION OF A NEW SPECIES (THYSANOPTERA: THRIPIDAE).

K Sakimura

Entomol Soc Australia (nsw) J 07(1):59-62

30 Jun 1968 423.92 EN84

Insect taxonomy, Nomenclature, Thripidae, Thysanoptera. English abstract

19487-68

REDISCOVERY OF PSYCHODA LATIVENTRIS BERDEN (DIPTERA, PSYCHODIDAE) IN ITALY. (IT)

G Salamanna

Soc Entomol Ital Boll 96(7-8):117-121

20 Oct 1966 420 IT1

Habitats, Insect anatomy, Psychodidae. English and italian abstract

19488-68

SCORPIONS OF CHILE. II. BOTHRIIDAE A REDESCRIPTION OF PHONIOCERCUS PICTUS POCOCC, 1893. (SP)

P R San Martin T K Cekalovic

Soc Uruguayo Entomol Rev 7(00):80-96 MAP, REF

15 Jul 1968 423.92 SO1

Insect taxonomy, Scorpionida. English and spanish abstract

19489-68

DESCRIPTION OF A NEW COCCINELLID SPECIES ATTACKING THE SCALE INSECTS, WITH A TAXONOMIC NOTE ON A KNOWN SPECIES (COLEOPTERA).

H Sasaji

Mushi 40(PT 13):177-180

24 Mar 1967 421 M97

Coccinellidae, Coleoptera, Insect taxonomy.

19490-68

ON THE COCCINELLIDAE ATTACKING THE APHIDS IN JAPAN AND THE RYUKYUS.

H Sasaji

Mushi 40(PT 12):147-175 REF

24 Mar 1967 421 M97

Aphididae, Coccinellidae, Coleoptera, Insect taxonomy, Predaceous insects.

19491-68

STUDIES ON THE NEOHEGERIA DALMATICA GROUP (THYSANOPTERA). (GE)

G Schliephake

Deut Entomol Z 14(5):433-449

06 Dec 1967 421 D48

Insect taxonomy, Thysanoptera, Zoogeography.

19492-68

NOTES ON ENVIRONMENTAL DETERMINANTS OF TROPICAL VERSUS TEMPERATE INSECT SIZE PATTERNS.

T W Schoener D H Janzen

Amer Natur 102(925):207-224 REF

May 1968 470 AM36

Climate, Environment, Growth factors, Insect ecology, Insect morphology. English abstract

19493-68

AIR-BORNE LYGAEIDAE (HEMIPTERA) TRAPPED OVER THE ATLANTIC, INDIAN AND PACIFIC OCEANS, WITH THE DESCRIPTION OF A NEW SPECIES OF APPOLONIUS DISTANT.

G E Scudder

Pacific Insects 10(1):155-160

10 May 1968 421 P11

Insect taxonomy, Insect traps, Lygaeidae, Zoogeography. English abstract

19494-68
A NEARCTIC TINGIDID FOUND IN ITALY (CORYTHUCHA CILIATA SAY). (IT)

A Servadei
Soc Entomol Ital Boll 96(5-6):94-96
20 Jun 1966 420 IT1
Tingidae, Zoogeography.

19495-68
SIPHONAPTERA TAKEN FROM FORMALIN-TRAPS IN CHILE.

F G A M Smit
Zool Anz 180(3-4):220-228 MAP
Mar 1968 410 Z7
Insect taxonomy, Insect traps, Siphonaptera, Zoogeography.

19496-68
HYPNODUS LEEI, A NEW SPECIES OF CLICK BEETLE FROM NORTH AMERICA (COLEOPTERA, ELATERIDAE).

J N L Stibick
Coleopt Bull 22(3):98-100 MAP
Sep 1968 421 C674
Elateridae, Insect taxonomy, Zoogeography.

19497-68
A REVISION OF THE GENUS HAEMATOPINUS LEACH (PHTHIRAPTERA: ANOPLURA).

M Stimic S Van der Merwe
Zool Anz 180(3-4):182-220 REF
Mar 1968 410 Z7
Anoplura, Catalogs, Haematopinidae, Insect taxonomy. English abstract

19498-68
ON A REPORTED NEW GENUS OF PTILIIDAE, MACDONALDIUM ABD. AND ABD., FROM CANADA.

E Sundt
Coleopt Bull 22(3):94
Sep 1968 421 C674
Coleoptera, Insect identification, Nomenclature.

19499-68
A NEW LAELAPTIDAE OF CENTRAL AFRICA: SCUTANOLOELAPS MEHELYAE N. SP.. (FR)

R Taufflieb
Acarologia 09(1):21-25
Apr 1967 434.8 AC1
Insect taxonomy, Mites. French and english abstract

19500-68
A SUPPLEMENT TO THE REVISION OF AUSTRALIAN PRISTOMYRMEX SPECIES (HYMENOPTERA: FORMICIDAE).

R W Taylor
Entomol Soc Australia (nsw) J 07(1):63-66
30 Jun 1968 423.92 EN84
Formicidae, Insect taxonomy, Zoogeography. English abstract

19501-68
NOMENCLATURE AND SYNONYMY OF THE NORTH AMERICAN ANTS OF THE GENERA PONERA AND HYPOPONERA (HYMENOPTERA: FORMICIDAE).

R W Taylor
Entomol News (philadelphia) 79(3):63-66
Mar 1968 421 EN88
Formicidae, Insect taxonomy, Nomenclature.

19502-68
THE TIPULA EXCISA-GROUP IN THE PYRENEES (DIPTERA). (GE)

B Theowald
Beaufortia 15(207)
17 May 1968 410 B38
Diptera, Insect taxonomy, Tipulidae, Zoogeography. English abstract

19503-68
CONTRIBUTION TO THE STUDY OF COLEOPTERA OF THE BENI-ABBES AND SAHARA VALLEY. (FR)

J Therond A Hollande

Soc Entomol France Ann 1(4):851-877 REF
1965 420 F84
Coleoptera, Insect ecology, Insect taxonomy. English abstract

19504-68
ACARINE ASSOCIATES OF THE PALES WEEVIL, HYLOBIUS PALES (COLEOPTERA: CURCULIONIDAE).

H A Thomas P H Darst M H Farrier
Fla Entomol 50(4):263-266
Dec 1967 420 F662
Curculionidae, Habitats, Hylobius pales, Mites, Predaceous insects.

19505-68
GROUP REVISION OF MALLOPHAGA. PECTINOPYGUS SPECIES OF THE LARGE CORMORANTS (GEN. PHALACROCORAX BRISON, 1760 S. STR.).

G Timmermann
Hamburg Zool Mus Inst Mitt 64(0):83-85
Jun 1967 410.9 H172
Birds, Insect taxonomy, Mallophaga.

19506-68
STUDIES IN NEARCTIC DESERT SAND DUNE ORTHOPTERA. XI. A NEW ARENICOLOUS SPECIES OF STENOPELMATUS FROM COACHELLA VALLEY WITH KEY AND BIOLOGICAL NOTES.

E R Tinkham
Great Basin Natur 18(3):124-131
30 Sep 1968 410 G79
Gryllidae, Insect biology, Insect taxonomy, Orthoptera. English abstract

19507-68
TWO NEW SPECIES OF CINARA (HOMOPTERA: APHIDIDAE) ASSOCIATED WITH PINE RUST LESIONS.

A N Tissot J O Pepper
Fla Entomol 50(1):1-11
Mar 1967 420 F662
Aphididae, Homoptera, Insect taxonomy, Pinus, Rust (pinus).

19508-68
ON A NEW SPECIES OF THE GENUS MEGACYTTARUS (DIPT. EMPIDIDAE). (FR)

P Trehen
Soc Entomol France Ann 02(3):625-628 REF
1966 420 F84

Empididae, Insect taxonomy, Zoogeography. English abstract

19509-68
GENERAL INTRODUCTION TO THE CLASSIFICATION, TERMINOLOGY, ONTOGENESIS AND EVOLUTION OF MITES. (FR)

L Van Der Hammen
Acarologia 10(3):401-412
Sep 1968 434.8 AC1

Insect evolution, Insect morphology, Insect taxonomy, Mites, Nomenclature. English abstract

19510-68
NOTES ON SOME EUROPEAN EUMENES-SPECIES (HYMENOPTERA, EUMENIDAE).

J Van Der Vecht
Entomol Ber 28(4):68-80
01 Apr 1968 420 N38B

Catalogs, Eumenidae, Insect taxonomy, Zoogeography. English abstract

19511-68
DISTRIBUTIONAL NOTES ON METAMASIVUS (COLEOPTERA: CURCULIONIDAE).

P Vaurie
N Y Entomol Soc J 76(1):32-33
29 Mar 1968 420 N48J

Curculionidae, Rhynchophora, Zoogeography. Abstract

19512-68

REVISION OF THE GENUS TECOMATLANA HOFFMANN, 1947 (ACARINA: TROMBICULIDAE).

P H Vercammen-Grandjean
Acarologia 09(4):848-864 REF
Dec 1967 434.8 AC1
Insect taxonomy, Mites, Trombiculidae, Zoogeography. French and english abstract

19513-68
NOTE ON XHEXIDIONIS N. G. AND PEN-TIDIONIS N. SG..

P H Vercammen-Grandjean R B Loomis
Acarologia 09(1):139-140
Apr 1967 434.8 AC1
Insect taxonomy, Mites, Trombiculidae.

19514-68
NOTES ON THE TROMBICULIDAE.

P H Vercammen-Grandjean
Acarologia 09(1):127-134
Apr 1967 434.8 AC1
Insect taxonomy, Parasitic insects, Trombiculidae, Zoogeography.

19515-68
A NEW SPECIES OF MYMAR CURTIS (M. TAPROBANICUM WARD) NEW TO EUROPE (RESEARCH ON HYMENOPTERA, CHALCIDOIDEA. V.). (IT)

G Viggiani
Soc Entomol Ital Boll 96(7-8):113-117 REF
20 Oct 1966 420 IT1
Hymenoptera, Insect taxonomy. English and italian abstract

19516-68
A NEW REDUVIID MYRMECOMORPHID FROM GHANA (HEM. HETEROPTERA). (FR)

A Villiers
Soc Entomol France Ann 03(3):737-741
1967 420 F84
Insect taxonomy, Reduviidae.

19517-68
NOTES ON PARASALIUS BANKS, 1934 (HYMENOPTERA: POMPILIDAE PEPISINAE). (FR)

R Wahis
Inst Roy Sci Natur Belgique Bull 42(13):1-8 REF
26 Oct 1966 504 B8350B
Insect taxonomy, Pompilidae, Zoogeography. French abstract

19518-68
APHIDIID PARASITES OF THE GREEN PEACH APHID, MYZUS PERSICAE (SULZER), IN JAPAN (HYMENOPTERA, APHIDIIDAE).

C Watanabe H Takada
Mushi 40(P7):83-87 REF
24 Mar 1967 421 M97
Aphidiidae, Catalogs, Hymenoptera, Insect taxonomy, Myzus persicae, Predaceous insects.

19519-68
DRAGONFLY TYPES FROM THE DOBSON COLLECTION, WITH THE DESIGNATION OF LECTOTYPES.

J A L Watson
Entomol Soc Australia (nsw) J 07(1):57-58
30 Jun 1968 423.92 EN84
Insect taxonomy, Odonata, Reviews. English abstract

19520-68
THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967, LINCOLN, NEW ZEALAND. SPECIFIC SYNONYMY IN MIMOPEUS PASCOE (CILIBE AUCTIONUM), AND THE NOMENCLATURE STATUS OF SOME RELATED GENERA (COLEOPTERA, TENEBRIONIDAE).

J C Watt
New Zeal Entomol 4(1):35-39

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19521-68

Mar 1968 421 N48

Coleoptera, Insect taxonomy, Tenebrionidae. English abstract

19521-68

ON THE KNOWLEDGE OF THE GALL WASP TRIBE AULACINI (HYMENOPTERA, CYNIPIDAE). (GE.)

H Weidner

Entomol Z 78(10):105-120 REF

15 May 1968 421 EN85

Cynipidae, Gall-making insects, Hymenoptera, Insect taxonomy, Plant galls. German abstract

19522-68

SOME PSOCOPTERA FROM MONKS WOOD NATIONAL NATURE RESERVE, HUNTINGDONSHIRE.

R C Welch

Entomologist (london) 101(1263):173-174

Aug 1968 421 EN8

Catalogs, Insect taxonomy, Psocoptera.

19523-68

RECORD OF NEODIPRION WARRENI (HYMENOPTERA: DIPRIONIDAE) IN FLORIDA.

R C Wilkinson

Fla Entomol 51(3):199

Sep 1968 420 F662

Diprionidae, Insect taxonomy, Larvae, Pinus, Zoogeography. English abstract

19524-68

STRIDULATION AND BEHAVIOR IN TWO SOUTHEASTERN IPS BARK BEETLES (COLEOPTERA: SCOLYTIDAE).

R C Wilkinson W T McClelland R M Murillo E O Ostmark

Fla Entomol 50(3):185-195

Sep 1967 420 F662

Colcoptera, Insect behavior, Insect physiology, Ips, Scolytidae, Stridulation.

19525-68

A NEW SPECIES OF LISTROPHORUS FROM MUS MUSCULUS IN HAWAII (ASTIGMATA: LISTROPHORIDAE).

N Wilson R F Lawrence

Acarologia 09(3):625-631

Jul 1967 434.8 AC1

Insect taxonomy, Mice, Mites, Parasitic insects.

19526-68

NEW SPECIES OF BARK BEETLES (COLEOPTERA: SCOLYTIDAE), MOSTLY MEXICAN. PART VII.

S L Wood

Great Basin Natur 27(1):36-57

22 Apr 1967 410 G79

Host relationships, Insect taxonomy, Scolytidae, Zoogeography.

19527-68

A KEY TO SPECIES OF THE CNESINUS LECONTE (COLEOPTERA: SCOLYTIDAE) OF NORTH AND CENTRAL AMERICA.

S L Wood

Great Basin Natur 28(2):88-110

29 Jun 1968 410 G79

Central america, Coleoptera, Insect identification, Insect taxonomy, Scolytidae.

19528-68

A NEW SPECIES OF CHEYLOSTIGMAEUS WILLMANN (ACARI, STIGMAEIDAE) FROM NEW ZEALAND.

T G Wood

New Zealand J Sci 11(2):276-279

Jun 1968 514 N482

Insect taxonomy, Mites, Stigmacididae. English abstract

19529-68

A NEW SPECIES OF CARABODES FROM JAMAICA (ACARI: CRYPTOSTIGMATA).

T A Woolcy

Entomol News (philadelphia) 78(4):103-106

Apr 1967 421 EN88

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Acarina, Insect taxonomy, Mites.

19530-68

NEW RECORDS OF TWO CURCULIONID BEETLES IN NORTH CAROLINA.

D L Wray

Entomol News (philadelphia) 78(9):226-227

Nov 1967 421 EN88

Curculionidae, Insect taxonomy.

19531-68

SOME NEW NORTH AMERICAN COLLEMBOLA.

D L Wray

Entomol News (philadelphia) 78(9):227-232

Nov 1967 421 EN88

Collembola, Insect taxonomy, Zoogeography.

19532-68

OTORHINOPHILA, A NEW GENUS OF CHIGGERS (ACARINA, TROMBICULIDAE) FROM WESTERN NORTH AMERICA.

W J Wrcnn R B Loomis

Acarologia 09(1):152-178 REF

Apr 1967 434.8 AC1

Insect taxonomy, Mites, Trombiculidae, Zoogeography.

19533-68

THE HYDROPORUS BLANCHARDI-TIGRINUS COMPLEX (COLEOPTERA: DYTISCIDAE).

F N Young

Fla Entomol 50(1):63-69

Mar 1967 420 F662

Coleoptera, Dytiscidae, Habitats, Insect taxonomy, Predaceous insects.

19534-68

RHYNCHOPHORINAE OF SOUTHEASTERN POLYNESIA (COLEOPTERA: CURCULIONIDAE).

E C Zimmerman

Pacific Insects 10(1):47-77 REF

10 May 1968 421 P11

Curculionidae, Insect taxonomy, Zoogeography. English abstract

PHYSIOLOGY AND BIOCHEMISTRY

19535-68

PUBLIC HEALTH PESTICIDES.

Pest Contr 36(3):9-58 PASSIM

Mar 1968 449.8 EX8

Accident prevention, Arthropoda, Baits, Chemical control (insects), Formulations, Insecticide residues, Insecticides, Larvicides, Public health, Rodents, Spraying.

19536-68

ON THE EFFECT OF PHOSPHATE ESTERS ON SEVERAL ARTHROPODS WITHIN THE APPLE-TREES BIOZONES INDEPENDENT OF THEIR DENSITY. (GE.)

F Abdel-Salam

Z Angew Zool 54(2):233-283 REF

1967 449.8 Z36

Anthocoridae, Apples, Chemical control (insects), Coccinellidae, Demography, Dimethoate, Fenthion, Insect ecology, Phosphamidon, Stigmaeidae. German and english abstracts

19537-68

THE CONJUGATED PLASMA PROTEINS IN ADULT FEMALES OF PERIPLANETA AMERICANA (L.) UNDER STARVATION AND OTHER STRESS.

K G Adiyodi K K Nayar

Compar Biochem Physiol 27(1):95-104 REF

Oct 1968 444.8 C73

Blood proteins, Insect physiology, Periplaneta americana, Starvation, Stress. English abstract

19538-68

CANNIBALISM DURING COPULATION IN THE BROWN BUSH CRICKET, HAPITHUS AGITATOR (GRYLLIDAE).

R D Alexander D Otte

Fla Entomol 50(2):79-87 MAP

Jun 1967 420 F662

Cannibalism, Gryllidae, Insect behavior, Orthoptera, Reproduction, Sex behavior.

19539-68

THE FORMATION OF OMMOCHROMES IN THE EYES DURING THE PUPAL DEVELOPMENT OF PLODIA INTERPUNCTELLA HB. (POR.)

F X R F de Almeida

Coimbra Univ Mus Zool Mem Estud 305:1-11 REF

1968 410.9 C66

Eyes, Insect physiology, Ommochromes, Pigments (insect), Plodia interpunctella, Pyralidae. English, portuguese and german abstracts

19540-68

A POSSIBLE PRECURSOR OF OMMIN IN SYNTHESIS OF OMMOCHROME OF PLODIA INTERPUNCTELLA HB. AND OF EPHESTIA KUHNIELLA Z. (POR.)

F X R F de Almeida

Coimbra Univ Mus Zool Mem Estud 306:1-17 REF

1968 410.9 C66

Ephestia, Eyes, Insect physiology, Ommochromes, Pigments (insect), Plodia interpunctella, Pyralidae. English, portuguese and german abstracts

19541-68

USE OF A NEW LURE IN THE BASE DODECACOLORO (MIREX 0.450) FOR THE CONTROL OF ANTS: ATTA SEXDENS RUBROPILOSA (FOREL, 1908) AND ATTA LAEVIGATA (F. SMITH, 1858)-HYMENOPTERA, FORMICIDAE. (POR.)

E Amante

Biologico 34(6):123-128

Jun 1968 442.8 B529

Atta, Attractants, Chemical control (insects), Formicidae, Insect control, Mirex. English abstract

19542-68

PHASIL BEHAVIOUR SHOWN BY TWO CARPOPHILUS SPECIES (COLEOPTERA, NITIDULIDAE) IN VARIOUS HUMIDITY GRADIENTS AND ITS ECOLOGICAL SIGNIFICANCE.

T G Amos F L Waterhouse

Oikos 18(2):345-350 REF

1967 410 O14

Carpophilus dimidiatus, Carpophilus hemipterus, Humidity, Insect behavior, Insect ecology, Nitidulidae. English and russian abstracts

19543-68

AN EFFICIENT LABORATORY TECHNIQUE FOR OBTAINING PINE BARK BEETLE EGGS AND YOUNG LARVAE.

N H Anderson J E Bremer

Fla Entomol 50(1):71-73

Mar 1967 420 F662

Insect collecting equipment, Insect eggs, Insect rearing, Larvae, Scolytidae.

19544-68

PARTHENOGENIC PRODUCTION OF MALES IN HETERARTHURUS (O PHYLLOTOMA) OCHROPODUS (KLUG). (FR.)

G M Arru

Soc Entomol Ital Boll 96(9-10):142-144

20 Dec 1966 420 IT1

Breeding, Parthenogenesis, Reproduction, Tenthredinidae. English and italian abstract

19545-68

ELECTROPHORETIC STUDIES OF INSECT ESTERASES.

S K Arurkar C O Knowles

Entomol Soc Amer Ann 61(3):686-690 REF

May 1968 420 EN82

Acheta domesticus, Acrylamide, Carbamates, Electrophoresis, Epicauta pennsylvanica, Esterases, Gels, Heliothis zea, Homogenesis, Hyphantria cunea, Insects, Periplaneta americana, Prodenia ornithogalli.

- 19546-68**
ABNORMALITIES IN NOSEMA-DISEASED WORKER BEES. (GE)
 R Bahrman
Angew Parasitol 8(3):151-156 REF
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 Apidae, Apis mellifera, Host relationships, Insect physiology, Nosema discaec. German, russian and english abstract
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ON A NEW GENUS OF COCCOIDEA-DIASPIDINI OF THE CENTRAL AFRICAN FOREST. (FR)
 A S Balachowsky D Ferrero
Soc Entomol France Ann 1(4):995-999
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 Coccoidea, Homoptera, Insect taxonomy. English abstract
- 19548-68**
ISOLATION AND CHARACTERIZATION OF RIBONUCLEIC ACID FROM MUSCA DOMESTICA (L.).
 I Balazs M Agosin
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 Oct 1968 444.8 C73
 Insect biochemistry, Musca domestica, Research, Ribonucleic acid. English abstract
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RESISTANCE TO ORGANOCHLORINE INSECTICIDES IN THE TURER FLEA BEETLE, EPITRIX TUBERIS GENT. (COLEOPTERA: CHRYSOMELIDAE), IN BRITISH COLUMBIA.
 F L Banham D G Finlayson
Entomol Soc British Columbia J 64:17-22 MAP
 01 Aug 1967 420 B77 (2)
 Chlorinated hydrocarbons, Chrysomelidae, Diazinon, Dieldrin, DDT, Epitrix tubensis, Insecticide resistant insects, Zoogeography. English abstract
- 19550-68**
STUDY OF VERNON'S GLIND IN GALLERIA MELLONELLA (LEPIDOPTERA PYRALIDAE) IN THE COURSE OF THE CUTICULAR CYCLE: HISTOLOGY, CYTOCHEMISTRY AND ELECTRON MICROSCOPY. (FR)
 R Barbier
Acad Sci Compt Rend Ser D Sci Nat 267(5):522-528
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 Biochemistry, Cytology, Electron microscopy, Galleria mellonella, Glands (insects), Insect histology, Insect morphology, Insect physiology, Secretions. French abstract
- 19551-68**
THE FITNESS OF SINGLE-SPECIES POPULATIONS OF DROSOPHILA.
 J S F Barker
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 Benzyl benzoate, Demography, Drosophila, Insect rearing, Mortality.
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NOTES ON THE BIOLOGY OF SOME AUSTRALIAN STICK INSECTS (PHASMATODEA).
 G O Bedford
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 30 Jun 1968 423.92 EN84
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 Biliotti J Riom
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 Anthocoridae, Insect ecology, Pinus, Predaceous insects. French and english abstract
 A method for collecting and sampling the fauna of the bark of pine trees is described.
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EVIDENCE FOR RADIORESISTANCE OF THE GERMINAL STRUCTURES OF LEPTINOTARSA DECEMLINEATA SAY.. (FR)
 R Bluzat
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 Embryology, Insect physiology, Irradiation, Larvae, Leptinotarsa decemlineata, Radiobiology, X-rays. French abstract
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RESEARCH ON THE DETERMINATION OF THE PRODUCTION OF WINGED SEXUPARES IN THE MALE DYSAPHS PLANTAGINEA PASS. (HOM. APHIDIDAE). (FR)
 L Bonnemaison
Soc Entomol France Ann 01(3):659-688
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 Dysaphis plantaginea, Insect ecology, Insect physiology, Photoperiodism, Reproductive organs. German abstract
- 19556-68**
INTERSEGMENTARY CUTICULE OF THE IMAGOS OF SUPERIOR TERMITES (ISOPTERA, TERMITIDAE): SEXUAL DIMORPHISM, ULTRASTRUCTURE, RELATION TO THE PHYLOGENETIC QUEEN. (FR)
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 M Boulard
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 M Boulard
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 Cicadidae, Insect behavior, Insect biology, Insect rearing, Insect taxonomy, Larvae. French and english abstract
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CONTRIBUTION TO THE STUDY OF THE PHOTOPERIODIC PHENOMENA OF MEGOURA VICIAE. (HOMI APHIDIDAE). (FR)
 G Boulay
Soc Entomol France Ann 03(3):845-858 REF
 1967 420 F84
 Aphididae, Biological clocks, Insect physiology, Photoperiodism.
- 19561-68**
GENERALIZATION, IN VARIOUS INSECTA, OF DEUTOCEREBRALE INERVATION OF THE CORPORA CARDIACA AND NEUROSECRETORY LOCI OF THE NERVI CORPORIS CARDIACI IV. (fr)
 P Brousse-Gaury
Acad Sci Compt Rend Ser D Sci Nat 265(25):2043-2046
 18 Dec 1967 505 P21
- Hormones, Insect physiology, Nervous system, Secretion. French abstract
- 19562-68**
VARIATION IN THE PATTERN OF THE FREE AMINO ACIDS IN FEMALES AND WORKERS OF FORMICA POLYCTENA FORST. (HYM. FORMICIDAE) DURING METAMORPHOSIS. (GE)
 H Brunnert
Zool Jahrbucher Abt Allg Zool Physiol Tiere 73(1-2):102-173 REF
 1967 410 Z751Z
 Amino acids, Formicidae, Insect metabolism, Insect physiology, Metamorphosis. German abstract
- 19563-68**
REVISION OF THE NEARCTIC MOTH GENUS ABAGROTIS SMITH WITH DESCRIPTIONS OF NEW SPECIES (LEPIDOPTERA: NOCTUIDAE). I. INTRODUCTION, METHODS, PHYLOGENY, BIOLOGY AND ECOLOGY, ECONOMIC IMPORTANCE, DISTRIBUTION, TERMINOLOGY, GLOSSARY, HISTORICAL REVIEW, KEY TO RELATED GENERA, GENERIC DESCRIPTIONS, KEY TO SPECIES GROUPS.
 J S Buckett
Calif Bur Entomol Occas Pap (12):3-21 CONT
 Jul 1968 420 C122
 Insect biology, Insect ecology, Insect identification, Noctuidae, Zoogeography.
- 19564-68**
CHANGES IN FATTY ACID COMPOSITION OF CULEX PIPIENS DURING HIBERNATION.
 J D Buffington J H Zar
Entomol Soc Amer Ann 61(3):774-775 REF
 May 1968 420 EN82
 Chromatography, Culex pipiens pipiens, Hibernation, Insect physiology, Lipids, Temperature.
- 19565-68**
POPULATION ASSESMENT AND MOVEMENT IN PTILOMERA DROMAS BREDDIN (HEMIPTERA-GERRIDAE).
 J A Bullock J I Furtado
Arch Hydrobiol 64(2):121-130
 Mar 1968 410 AR28
 Gerridae, Population statistics, Streams. German and english abstract
- 19566-68**
THE EFFECT OF CYTOSTATIC SUBSTANCES ON THE GONADS OF SOME LEPIDOPTERA.
 M A Bulyginskaya T V Ivanova G D Chugunova
Entomol Rev 46(3):341-348 REF
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 Carpopcapsa pomonella, Chemosterilants, Gonads, Lepidoptera, Spodoptera exigua, Sterilization, Tapa. English abstract
- 19567-68**
COCKROACH CONTROL - PAST, PRESENT AND FUTURE.
 G S Burden
Pest Contr 35(9):20,22,24,26
 Sep 1967 449.8 EX8
 Blattidae, Carbamates, Chemical control (insects), Chemosterilants, Chlorinated hydrocarbons, DDT, Fumigants, Organophosphorus compounds, Pyrethrum.
- 19568-68**
SPECIAL EFFECTS AND TERATOLOGICAL SYMPTOMS OF THE THERMOSTABLE TOXIN OF B. THURINGIENSIS AS A FUNCTION OF THE PHYSIOLOGICAL AGE OF INSECTS. (FR)
 A Burgerjon G Biache
Soc Entomol France Ann 03(4):929-952 REF
 1967 420 F84
 Bacillus thuringiensis, Insect abnormalities, Insect morphology, Insect physiology, Picridae, Toxins.
- 19569-68**
INTERNAL ORGANIZATION AND MORPHOLOGY OF THE TERMINAL LARVAL STAGE OF OPIUS CONCOLOR. (HYM. BRACONIDAE). (FR)

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19570-68

J Cals-Usciat

Soc Entomol France Ann 02(3):629-640 REF

1966 420 F84

Braconidae, Insect anatomy, Insect morphology, Larvae. French and Italian abstract

19570-68

A SOFT SCALE OF VINEYARDS, NEW FOR FRANCE: NEOPULVINARIA IMERETINA HADZ. (COCCOIDEA COCCIDAE). (FR)

M Canard

Soc Entomol France Ann 02(1):189-197 REF

1966 420 F84

Coccidae, Insect biology, Insect taxonomy. French and English abstract

19571-68

RHIZOPULVINARIA OF MEDITERRANEAN PINKS. (COCCOIDEA-COCCIDAE). (FR)

M Canard

Vie Milieu Ser C Biol Terrestre 18(1):169-184

1967 QH301.V5

Coccidae, Dianthus, Habitats, Insect biology, Insect morphology, Insect taxonomy, Mediterranean, Parasitic insects. French, English and German abstract

New species of cottony scales are described, habitats given, morphological characteristics discussed and developmental stages outlined. Only the male has been found.

19572-68

DIFFERENTIATION OF THE MALE SEXUAL CHARACTERISTICS OF TWO ACRIDIDS, AFTER IMPLANTATION OF CORPUS ALLATA DURING THE LAST LARVAL STAGES. (FR)

A-m Cantacuzene

Acad Sci Compt Rend Ser D Sci Nat 267(7):749-752 REF

12 Aug 1968 505 P21

Insect morphology, Insect physiology, Locusta migratoria, Schistocerca, Sex. French abstract

19573-68

IMMATURE STAGES OF AUSTRALIAN ANTHOPHORINAE (HYMENOPTERA: APOIDEA).

J Cardale

Entomol Soc Australia (nsw) J 07(1):35-41 REF

30 Jun 1968 423.92 EN84

Hymenoptera, Insect behavior, Insect morphology, Insect taxonomy, Larvae. English abstract

19574-68

PARASITES AND OTHER ORGANISMS ASSOCIATED WITH NESTS OF AMEGILLA FRIESE (HYMENOPTERA: ANTHOPHORINAE).

J Cardale

Entomol Soc Australia (nsw) J 07(1):29-34 REF

30 Jun 1968 423.92 EN84

Dermestidae, Insect behavior, Insect rearing, Parasitic insects, Parasitism, Sarcophagidae. English abstract

19575-68

DROSOPHILA ENDOBRANCHIA, A NEW DROSOPHILID ASSOCIATED WITH LAND CRABS IN THE WEST INDIES.

H L Carson M R Wheeler

Entomol Soc Amer Ann 61(3):675-678

May 1968 420 EN82

Crabs, Drosophila carcinochila, Drosophila endobranchia, Insect anatomy, Ovipositors, Soils.

19576-68

ON THE COMPOSITION OF THE TOXIN OF THE INSECT CALOSOMA SYCOPHANTA L. (COLEOPTERA CARABIDAE). (IT)

G Casnati M Pavan A Ricca

Soc Entomol France Ann 01(3):705-710

1965 420 F84

Biochemistry, Carabidae, Insect physiology, Venoms. French and Italian abstract

19577-68

SUMMARY OF THE PHOTOPERIODIC EFFECTS AND DETERMINATION OF THE

BIBLIOGRAPHY

PHASE CHARACTERISTICS IN LOCUSTA MIGRATORIA MIGRATORIOIDES, GREGARIOUS PHASE. (FR)

P Cassier

Soc Entomol France Ann 03(3):873-883 REF

1967 420 F84

Biological clocks, Fertility, Insect physiology, Locusta migratoria, Photoperiodism, Population, Temperature. French and English abstract

19578-68

ALPHA-FARNESENE, DUFOUR'S GLAND SECRETION IN THE ANT APHAENOGASTER LONGICEPS (F. SM.).

G W K Cavill P J Williams F B Whitfield

Tetrahedron Lett 23:2201-2205

Jun 1967 385 T29

Aphaenogaster longiceps, Chromatography, Formicidae, Glands (insects), Spectroscopy.

19579-68

RESEARCH ON THE ATTRACTIVENESS OF VARIOUS CONIFERS IN REGARD TO IPS SEXDENTATUS. (FR)

C Chararas

Soc Entomol France Ann 03(3):777-785

1967 420 F84

Attractants, Coniferae, Insect behavior, Insect pests, Ips sexdentatus, Parasitic insects, Scolytidae. German abstract

19580-68

A REVISION OF THE GENUS ARHYSSUS STAL.

N P Chopra

Entomol Soc Amer Ann 61(3):629-655, MAP REF

May 1968 420 EN82

Arhyssus, Arhyssus scutatus, Insect taxonomy, Corizus brevipilis, Corizus indentatus and Corizus tuberculatus are synonyms of Arhyssus scutatus.

19581-68

MORPHOLOGICAL ANOMALIES IN FLEAS (SIPHONAPTERA).

A J M Claassens

Entomol Soc Southern Afr J 29:124-134

31 Mar 1967 420 EN86

Ceratophyllus gallinae, Insect abnormalities, Insect morphology, Siphonaptera.

19582-68

PROCEEDINGS: TWENTIETH ANNUAL MEETING OF THE UTAH MOSQUITO ABATEMENT ASSOCIATION.

G C Collett M K Bengt

Utah Mosquito Abatement Ass Proc 33 P

Oct 1967 420 UT1

Agricultural outlook, Biology, Culicidae, Insect control, Insect dissemination, Pesticides, Research, Spraying. Proceedings of 20th Annual Meeting of Utah Mosquito Abatement Ass.

19583-68

BEE HOUSE HAS ADVANTAGES WHEN RAISING QUEEN CELLS.

V A Cook

New Zeal J Agr 116(6):54-55

Jun 1968 23 N48J

Apiaries, Apiculture, Insect rearing, Queen bees.

19584-68

PURIFICATION AND STUDY OF THE SPECIFICITY OF MAY BUG TREHALASE (MELOLONTHA VULGARIS). (FR)

J-e Courtois F Perecheron E Guilloux

Acad Sci Compt Rend Ser D Sci Nat

265(25):2111-2114 REF

18 Dec 1967 505 P21

Enzymes, Insect physiology, Scarabaeidae, Trehalase. French abstract

19585-68

DIFFERENTIAL SENSIBILITY OF THE COMMON MAY-BUG, MELOLONTHA MELOLONTHA, L. (COL. SCARABEIDAE) TO CERTAIN WAVELENGTHS OF THE VISIBLE SPECTRUM. (FR)

A Couturier

Soc Entomol France Ann 03(3):767-770

1967 420 F84

Diurnal rhythm, Insect flight, Insect physiology, Light, Photoperiodism, Photosensitization, Scarabaeidae.

19586-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967, LINCOLN, NEW ZEALAND. NOTES ON A COLONY OF ORECTOGNATHUS ANTENNATUS FR. SMITH (HYMENOPTERA: MYRMICIDAE) FROM THE COROMANDEL PENINSULA.

R A Cumber

New Zeal Entomol 4(1):43-44

Mar 1968 421 N48

Hymenoptera, Insect biology, Insect identification, Social insects. English abstract

19587-68

COMPARATIVE STUDY, DYSDERCUS DISCOLOR WALKER, OF THE NORMAL GROWTH AND OF GROWTH IN THE PRESENCE OF THE PAPER FACTOR. (FR)

J Cuzin-Roudy

Arch Zool Exp Gen 109(1):3-23 REF

15 Jul 1968 410 AR24

Growth factors, Insect morphology, Insect physiology, Pyrrhocoridae. French and English abstract

19588-68

INTERSPECIFIC COMPETITION, EGG CANNIBALISM AND THE LENGTH OF LARVAL INSTARS IN TRIBOLIUM.

P S Dawson

Evolution 21(4):857-858

28 Dec 1967 443.8 EV62

Cannibalism, Competition, Insect behavior, Insect biology, Insect eggs, Tribolium.

19589-68

DESCRIPTION OF A METHOD FOR REARING CHIRONOMIDES ADAPTED FOR TROPICAL COUNTRIES. (FR)

C Dejoux

Hydrobiologia 31(3-4):435-441

17 Jul 1968 410 H992

Chironomidae, Climate, Insect rearing equipment. French, German and English abstract

19590-68

IMMUNOLOGICAL HOMOLOGY BETWEEN CRYSTAL AND SPORE PROTEIN OF BACILLUS THURINGIENSIS.

F P Delafield H J Somerville S C Rittenberg

J Bacteriol 96(2):713-720 REF

Sep 1968 448.3 I82

Absorption (biological), Bacillus thuringiensis, Bacteriology, Immunochemistry, Proteins. English abstract

19591-68

CONTRIBUTION TO THE LABORATORY STUDY OF PNIGALIO MEDITERRANEUS. (HYM. CHALCIDOIDEA EULOPHIDAE). (FR)

P Delanoue Y Arambourg

Soc Entomol France Ann 03(4):909-927 REF

1967 420 F84

Chalcididae, Dacus oleae, Eulophidae, Insect behavior, Insect biology, Larvae, Parasitic insects. French and English abstract

19592-68

NOTES ON THE CALIFORNIA RED SCALE (AONIDIELLA AURANTII MASKELL) IN MOROCCO (HOM., COCCOIDEA). (FR)

V Delucchi

Soc Entomol France Ann 1(4):739-788 REF

1965 420 F84

Aonidiella aurantii, Biological control (insects), Chemical control (insects), Citrus, Diaspididae, Insect behavior, Insect control, Insecticide resistant insects, Zoogeography. English abstract

- 19593-68**
DEVELOPMENTAL AND SEXUAL DIFFERENCES OF BLOOD PROTEINS IN THE SILKWORM, BOMBYX MORI. (JA)
H Doira
Kyushu Univ Fac Agr Sci Bull 23(4):205-214
Sep 1968 107.6 K995B
Blood proteins, Bombyx, Electrophoresis, Insect physiology, Sex determination. English abstract
- 19594-68**
OBSERVATIONS ON SOUND TRANSMISSION IN THE PHASMID OF THE CONGO, PALOPHUS CENTAURUS. (CHELEUT. PHASMIDAE). (FR)
B Dumortier F Vincent
Soc Entomol France Ann 03(4):967-975 REF
1967 420 F84
Insect anatomy, Insect behavior, Phasmatidae, Stridulation. French and english abstract
- 19595-68**
STUDIES ON THE INTERNAL ANATOMY OF THE BLACK CARPET BEETLE, ATTAGENUS MEGATOMA.
F V Dunkel G M Boush
Entomol Soc Amer Ann 61(3):755-765
May 1968 420 EN82
Attagenus megatoma, Gastrointestinal system, Insect anatomy, Insect histology, Larvae, Reproductive organs.
- 19596-68**
STUDY OF A DIPRION PINI POPULATION IN THE FONTAINEBLEAU FOREST. (HYM. DIPRIONIDAE). I. BIOLOGICAL DATA ON DIPRION PINI AND ITS PRINCIPLE PARASITES. (FR)
G Dusaussay C Geri
Soc Entomol France Ann 02(3):503-534 REF MAP
1966 420 F84
Diprionidae, Forest insects, Insect biology, Insect diseases, Insect morphology, Insect outbreaks. German and french abstract
- 19597-68**
EXPERIMENTAL INVESTIGATION INTO THE PHYSIOLOGY OF MOLTING OF SPIDERS. (GE)
M Eckert
Zool Jahrbucher Abt Allg Zool Physiol Tiere 73(1-2):49-101 REF
1967 410 Z751Z
Insect physiology, Metamorphosis, Molting (insects), Spiders. German abstract
- 19598-68**
PHYTOSEIID MITES FROM OKINAWA ISLAND (ACARINA: MESOSTIGMATA).
S Ehara
Mushi 40(PT 6):67-82 REF
24 Mar 1967 421 M97
Acarina, Catalogs, Oriental region, Taxonomy.
- 19599-68**
METHOD OF PRODUCTION AND TECHNICAL EQUIPMENT FOR INSECTICIDE APPLICATION. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
W Eichler E Hahn
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1965
Attractants, Equipment, Formulations, Insect repellents, Insecticide application, Insecticides.
- 19600-68**
USE OF INSECTICIDES FOR PROTECTING PLANTS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
W Eichler J Hartisch
155-212
1965
Chemical control (insects), Fruit, Insect control, Insecticide application, Plants, Vegetables.
- 19601-68**
INSECT CONTROL AND CHEMISTRY. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
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1965
Biological control (pests), Chemical control (insects), History, Industry, Insecticides.
- 19602-68**
IN DEFENSE OF MAGIC: THE STORY OF FIREFLIES.
H E Evans
Natur Hist 77(9):40-42,68-71
Nov 1968 500 N4830J
Biochemistry, Insect physiology, Lampyridae, Luminescence.
A general review of past research activities concerning the origins and physiology of luminescence in insects and other organisms.
- 19603-68**
THE PTEROTHORACIC MUSCULATURE OF DEROPHILUS ERYTHROCEPHALA, A COCKROACH WITH A WINGLESS FEMALE, AND THE ORIGIN OF WING MOVEMENTS IN INSECTS.
D W Ewer L S Naylor
Entomol Soc Southern Afr J 30(1):18-33
Jun 1967 420 EN86
Blattidae, Insect evolution, Insect morphology, Muscles, Nervous system. English abstract
- 19604-68**
THE MORTALITY OF HONEY BEES BY MEANS OF AN UNKNOWN AGENT. (POR)
C F C Filho
Biologico 34(2):42-44 REF
Feb 1968 442.8 B529
Insect diseases, Mortality.
- 19605-68**
THE POLLINATION OF OILSEED RAPE (BRASSICA NAPUS) AND THE BEHAVIOUR OF BEES ON THE CROP.
J B Free P M Nuttall
J Agr Sci & London 71(1):91-94 REF
Aug 1968 10 J822
Apis mellifera, Insect behavior, Oilseeds, Pollination, Rape. English abstract
- 19606-68**
THE FINE STRUCTURE OF BABESIA OVIS (PIROPLASMIDEA) IN RHIPICEPHALUS BURSA (IXODOIDEA): TRANSFORMATION OF SPHERICAL FORMES TO VERMICULES. (GE)
K Friedhoff E Scholtyssek
Z Parasitenk 30(4):347-359 REF
26 Jun 1968 442.8 Z33F
Electron microscopy, Insect diseases, Insect histology, Ixodidae, Ovaries, Piroplasmosis. German and english abstract
- 19607-68**
THE BIOCHEMICAL BASIS OF FEMALE MONOGAMY IN MOSQUITOES. I. EXTRACTION OF THE ACTIVE PRINCIPLE FROM AEDES AEGYPTI.
M S Fuchs G B Craig E A Hiss
Life Sci 7(16):835-839
15 Aug 1968 442.8 L62
Aedes aegypti, Artificial insemination, Glands (insects), Insect physiology, Reproduction, Sterility.
- 19608-68**
PRELIMINARY NOTE ON THE BIOLOGY OF A HYMENOPTERA SPHECIDAE: PODALONIA (PSAMMOPHILA) HIRSUTA (SCOPOLI). (FR)
J Fulcrand
Vie Milieu Ser C Biol Terrestre 18(1):185-188
1967 QH301.V5
Insect biology, Insect rearing, Reproduction, Sphecidae. French, english and german abstract
The main activities of the biological cycle before and after nest-building period is studied in Podalonia hirsuta.
- 19609-68**
ON THE HISTOCHEMISTRY AND HISTOLOGY OF THE MID-INTESTINES OF AEDES AEGYPTI AND ANOPHELES STEPHENSI IN CONNECTION WITH BLOOD DIGESTION. (GE)
E Gander
Acta Trop 25(2):133-175 REF
1968 475 AC8
Aedes aegypti, Anopheles, Blood, Digestion, Insect biology, Insect histology. German, french and english abstract
- 19610-68**
CHOLINE ACTIVITY DURING THE DEVELOPMENT OF DROSOPHILA MELANOGASTER.
B W Geer G F Vovis M A Yund
Physiol Zool 41(3):280-292 REF
Jul 1968 410 P56
Choline, Drosophilidae, Fertility, Insect morphology, Insect physiology, Larvae. English abstract
- 19611-68**
DIPTEROUS EGGS AS FOOD FOR ADULT COCCINELLIDAE (COLEOPTERA: COCCINELLIDAE).
J W Gentry E J Gerberg
Entomol Soc Wash Mem 70(2):142
Jun 1968 420 W27M
Aedes aegypti, Coccinellidae, Feeding, Insect eggs, Musca domestica.
- 19612-68**
STUDY OF A DIPRION PINI POPULATION IN THE FONTAINEBLEAU FOREST (HYM. DIPRIONIDAE). II. ESTABLISHING A MORTALITY TABLE. (FR)
C Geri G Dusaussay
Soc Entomol France Ann 02(3):535-548
1966 420 F84
Diprionidae, Forest insects, Insect ecology, Mortality, Population. German and french abstract
- 19613-68**
THE 1958 PINE TIP MOTH COLLAPSE IN OHIO.
L P Gibson
Entomol Soc Amer Ann 61(3):786-787
May 1968 420 EN82
Insect rearing, Parasitism, Pupae, Rhyacionia frustana, Rhyacionia rigidana, Sampling (statistics), Temperature.
- 19614-68**
A QUANTITATIVE ANALYSIS OF CITRIC ACID CONTENT DURING ONTOGENESIS OF LEPTINOTARSA DECEMLINEATA (SAY).
R Gieryng Z Ilczuk
Zool Pol 18(2):219-224
1968 410 Z712
Citric acid, Insect morphology, Insect physiology, Leptinotarsa decemlineata. English, polish and russian abstract
- 19615-68**
OBSERVATIONS ON THE BEHAVIOR OF THE BLUE TICK, BOOPHILUS DECOLORATUS (KOCH) (ACARINA: IXODIDAE).
J M Goldsmd
Entomol Soc Southern Afr J 29:74-89 REF
31 Mar 1967 420 EN86
Boophilus, Humidity, Insect behavior, Ixodidae, Larvae, Light, Temperature. English abstract
- 19616-68**
THE AFFECT OF INSECTICIDES ON INSECTS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
A Goos
389-410
1965
Chlorinated hydrocarbons, DDT, Insect anatomy, Insecticides, Organophosphorus compounds.
- 19617-68**
NEW OBSERVATIONS ON ORIBATES. (5). (FR)
F Grandjean
Acarologia 09(1):242-272 REF

Apr 1967 434.8 AC1

Insect anatomy, Insect biology, Larvae, Mites, Oribatci.

19618-68

NAVICULOID SCALES IN THE FORE WING TERMINAL BORDERS OF COLIAS SPECIES. (LEPIDOPTERA: PIERIDAE).

P H H Gray

Entomologist (london) 101(1263):175-177

Aug 1968 421 EN8

Insect morphology, Lepidoptera, Pieridae, Scales (insects), Wings (insects).

19619-68

THE ROLE OF THE PAPUAN AREA IN INSECT EVOLUTION AND DISSEMINATION.

J L Gressitt

Mushi 40(PT 8):89-95 MAP

24 Mar 1967 421 M97

Chrysomelidae, Coleoptera, Insect dissemination, Insect evolution, Zoogeography.

19620-68

DESCRIPTION OF THE METAMERIC NEUROHEMAL ORGANS IN THE VENTRAL NERVOUS SYSTEM OF TWO COLEOPTERA: CHRYSOCARABUS AURONITENS FABR. (CARABIDAE) AND ORYCTES RHINOCEROS L. (SCARABAEIDAE). (FR)

J-p Grillo

Acad Sci Compt Rend Ser D Sci Nat 267(7):772-775

12 Aug 1968 505 P21

Carabidae, Insect morphology, Insect physiology, Nervous system, Scarabaeidae. French abstract

19621-68

HISTOCHEMICAL STUDIES ON THE 'CORPUS LUTEUM' IN LOCUSTA MIGRATORIA (R. F.). P D Gupta

Zool Pol 18(2):225-231 REF

1968 410 Z712

Biochemistry, Corpus luteum, Histology, Insect physiology, Locusta migratoria. English, polish, and russian abstracts

19622-68

PROSPECTS FOR NONCHEMICAL INSECT CONTROL- AN INDUSTRIAL VIEW.

R Hansberry

Entomol Soc Amer Bull 14(3):229-235 REF

Sep 1968 423.9 EN8

Accident prevention, Biological control (insects), Chemical control (insects), Chemosterilants, Industry, Insect control, Insect outbreaks, Insect repellents, Integrated control (insects), Public health, Reports, Research, Tables (data).

19623-68

NOTES ON THE BIOLOGY OF BACCHA FASCIPENNIS WIED. (DIPTERA, SYRPHIDAE). T L Harris C L Hamrum

Entomol News (philadelphia) 79(8):225-228

Oct 1968 421 EN88

Baccha, Diptera, Insect morphology, Predaceous insects, Pseudococcus, Syrphidae.

19624-68

ON THE MODIFICATION OF THE EYE PATTERN ON THE WINGS OF INACHIS IO (LEP., NYMPHALIDAE) WITH ANALOGOUS TEMPERATURE EXPERIMENTS. (GE)

H R Hassler

Entomol Z 78(16):177-185

15 Aug 1968 421 EN85

Insect adaptation, Insect morphology, Nymphalidae, Temperature, Wings (insects).

19625-68

RESISTANCE OF FORAGE PLANTS TO THE FEEDING OF MELANOPLUS SANGUINIPES.

G B Hewitt

Entomol Soc Amer Ann 61(3):739-744 REF

May 1968 420 EN82

Feeding, Food plants, Forage plants, Grasses, Melanoplus sanguinipes.

19626-68

QUANTITATIVE ASPECTS OF THE SYNERGISM BETWEEN CARBARYL AND SOME 1,3-BENZODIOXOLE (METHYLENEDIOXYPHENYL) COMPOUNDS IN HOUSEFLIES.

P S Hewlett C F Wilkinson

J Sci Food Agr 18(7):279-282

Jul 1967 382 SO12

Benzdioxole (methylenedioxybenzene), 1,3-, Carbaryl, Musca domestica, Toxicology.

19627-68

ON THE HEMOPOIETIC NATURE OF THE PHAGOCYTIC ORGAN (CUENOT) OF GRILLUS BIMACULATUS (ORTHOPTERA ENSIFERA). (FR)

J A Hoffmann A Porte P Joly

Acad Sci Compt Rend Ser D Sci Nat 267(7):776-777

12 Aug 1968 505 P21

Insect physiology, Orthoptera, Phagocytes, Phagocytosis. French abstract

19628-68

TICKS (IXODOIDEA) OF MT. SONTRA, DANANG, REPUBLIC OF VIETNAM.

H Hoogstraal F J Santana P F D Van Peenen

Entomol Soc Amer Ann 61(3):722-729 REF

May 1968 420 EN82

Insect rearing, Ixodides, Laboratories, Larvae, Nymphs, Parasitic insects.

19629-68

A REVIEW OF THE PROBLEM OF INSECTICIDE RESISTANCE IN AUSTRALIA.

G H S Hooper

Entomol Soc Australia (nsw) J 07(1):67-76 REF

30 Jun 1968 423.92 EN84

Insect genetics, Insect metabolism, Insecticide resistant insects, Reviews. English abstract

19630-68

CHROMOSOMAL DNA SYNTHESIS IN DROSOPHILA MELANOGASTER.

E F Howard W Plaut

J Cell Biol 39(2):415-429 REF

Nov 1968 442.8 J828

Chromosomes, Cytology, Deoxyribonucleic acid, Drosophila melanogaster, Insect genetics, Insect metabolism. English abstract

19631-68

STANDARDIZED REARING METHODS OF INSECTS OF STORED GOODS AND MATERIALS. (DU)

H J Hucck

Entomol Ber 28(5):82-83

01 May 1968 420 N38B

Attagenus piceus, Dermestidae, Insect rearing, Methodology, Tineidae, Tineola bisselliella. English abstract

19632-68

A NEW SPECIES AND TWO NEW NAMES OF THE POLYRHACHIS ANTS (HYMENOPTERA: FORMICIDAE).

A C F Hung

Mushi 40(PT 16):199-202

24 Mar 1967 421 M97

Formicidae, Hymenoptera, Insect taxonomy.

19633-68

GLUTATHIONE TURNOVER IN TRIATOMA INFESTANS TREATED WITH 2,2-BIS-(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE.

J Ilivicky M Agosin

Exp Parasitol 20(3):345-356 REF

Jun 1967 436.8 EX7

Biochemistry, DDT, Ethyl chloride, Glutathione, Reduviidae, Triatoma. English abstract

19634-68

SURVEY OF THE EMBRYONIC AND POST EMBRYONIC DEVELOPMENT OF THE HOUSE CRICKET, ACHETA DOMESTICUS (L.). (FR)

L J Jobin L Hout

Natur Can 93(6):701-718 REF

Nov 1966 410 N216

Acheta domesticus, Embryology, Gryllidae, Insect morphology, Larvae. English and french abstract

19635-68

COMPARISON OF THE SIZE AND PHYSIOLOGICAL ACTIVITY OF THE CORPORA ALLATA OF LOCUSTA MIGRATORIA L. (FR)

P Joly

Soc Entomol France Ann 03(3):601-608

1967 420 F84

Corpora allata, Glands (insects), Insect morphology, Insect physiology, Locusta migratoria, Metamorphosis.

19636-68

BREEDING EXPERIMENT WITH CLOSTERA ANACHORETA F. (LEP., NOTODONTIDAE). (DA)

I A Kajadoc

Entomol Ber 27(11):209-213

01 Nov 1967 420 N38B

Insect rearing, Lepidoptera, Methodology, Notodontidae. English abstract

19637-68

RESISTANCE TO DDT ISOMERS IN CULEX PIPIENS FATIGANS.

R L Kalra

Indian J Exp Biol 5(3):187-188 REF

Jul 1967 442.8 IN2

Culex, Culicidae, Diptera, DDT, Insect protective devices, Insecticide resistant insects, Insecticides. English abstract

19638-68

TOXICITY, PICK-UP AND METABOLISM OF P,P'-DDT AND RELATED COMPOUNDS IN CULEX PIPIENS FATIGANS AND AEDES AEGYPTI.

R L Kalra A S Perry J W Miles

Indian J Exp Biol 06(1):37-40

Jan 1968 442.8 IN2

Aedes aegypti, Culex pipiens, DDT, Insect metabolism, Toxicology. English abstract

19639-68

INFLUENCE OF THE CORPORA ALLATA ON OVARIAN FUNCTIONING IN THE MALE PIERIS BRASSICAE L. (LEPIDOPTERA). (FR)

A Karlinsky

Acad Sci Compt Rend Ser D Sci Nat 265(25):2040-2042 REF

18 Dec 1967 505 P21

Hormones, Insect physiology, Larvae, Oogenesis, Ovaries, Pieridae, Reproductive organs, Transplanting, Vitellin. French abstract

19640-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967, LINCOLN, NEW ZEALAND. SAMPLING PASTURE INSECTS.

J M Kelsey

New Zeal Entomol 4(1):12-19

Mar 1968 421 N48

Costelytra zealandica, Curculionidae, Methodology, Pastures, Population, Sampling (statistics).

19641-68

THE SEASONAL FLUCTUATION OF THE INLAND CULICOIDES OF SOUTHERN LOUISIANA (DIPTERA: CERATOPOGONIDAE).

K T Khalaf

Fla Entomol 50(3):151-155

Sep 1967 420 F662

Ceratopogonidae, Culicoides, Demography, Light traps, Seasonal variation.

19642-68

A LIST OF THE CHRYSOMELID SPECIES FROM HONG KONG, WITH DESCRIPTIONS OF THREE NEW SPECIES.

S Kimoto

Esakia (6):55-63

10 Nov 1967 421 ES1

Chrysomelidae, Insect taxonomy, Zoogeography.

19643-68

SOME QUANTITATIVE ANALYSIS ON THE CHRYSOMELID FAUNA OF THE RYUKYU ARCHIPELAGO.

S Kimoto

Esakia (6):27-54 MAP REF

10 Nov 1967 421 ESI

Chrysomelidae, Insect ecology, Quantitative analysis, Zoogeography. English abstract

19644-68

A LIST OF THE CHRYSOMELID SPECIMENS FROM THE HIMALAYAS AND KASHMIR, PRESERVED IN THE ZOOLOGICAL MUSEUM, BERLIN.

S Kimoto

Esakia (6):65-75

10 Nov 1967 421 ESI

Chrysomelidae, Coleoptera, Insect taxonomy.

19645-68

THE COMPOSITION OF YOLK IN THE EGGS OF APANTELES GLOMERATUS (L.) (BRACONIDAE: HYMENOPTERA).

P E King N A Ratcliffe

Entomologist (London) 101(1263):178-179

Aug 1968 421 EN8

Braconidae, Egg yolks, Insect anatomy, Insect histology, Insect physiology.

19646-68

ISOLATION AND CHARACTERIZATION OF THREE AUTOLYTIC ENZYMES ASSOCIATED WITH SPOROLUTION OF *BACILLUS THURINGIENSIS* VAR. *THURINGIENSIS*.

S L Kingan J C Ensign

J Bacteriol 96(3):629-638 REF

Sep 1968 448.3 J82

Autolysis, *Bacillus thuringiensis*, Bacteriology, Cell wall, Enzymes. English abstract

19647-68

FACTORS AFFECTING THE WINTER MORTALITY IN THE SOUTHERN GREEN STINK BUG, *NEZARA VIRIDULA* L.

K Kiritani N Hokyo K Kimura

Soc Entomol France Ann 02(1):199-207 REF

1966 420 F84

Climate, Demography, Hibernation, Mortality, *Nezara viridula*, Temperature. French and english abstract

19648-68

CHROMOSOME NUMBER IN THE LEAF-CUTTER BEE, *MEGACHILE ROTUNDATA*.

L E Klostermeyer C F S Hoo

Entomol Soc Amer Ann 61(3):782-783

May 1968 420 EN82

Alfalfa, Chromosomes, Hibernation, *Megachile rotundata*, Microscopy, Research, Temperature.

19649-68

EXAMINATION CONCERNING THE FREE AMINO ACIDS OF THE HEMOLYMPH BY PERIPLANETA AMERICANA (L.) IN RELATION TO DIFFERENT FORMATIONS AND FUNCTIONAL PHASES. (GE)

von D Knorre

Zool Jahrbucher Abt Allg Zool Physiol Tiere 73(1-2):1-48 REF

1967 410 Z751Z

Amino acids, Biochemistry, Circulatory system, Insect metabolism, Insect morphology, Insect physiology, *Periplaneta americana*. German abstract

19650-68

NATURE OF FOCI OF THE TICK ENCEPHALITIS IN ALTAI (NORTHEASTERN PART). (RUS)

E I Korenberg

Zool Zhur 47(7):1115-1117

Jul 1968 410 R92

Epidemiology, Insect vectors, Ixodes, Russian spring-summer encephalitis, Wildlife.

19651-68

PARASITISM OF THE INTESTINAL CELLS OF *GALLERIA MELLONELLA* L. BY THE DENSONUCLEOSIS VIRUS. (FR)

E Kurstak S Garzon I Goring J R Cote

Rev Can Biol 27(3):261-265

Sep 1968 442.8 R325

Galleria mellonella, Insect diseases, Intestines, Larvae, Viruses. English and french abstract

19652-68

HEXOSAMINE, SIALIC ACID, SEROMUCOID, PROTEIN BOUND HEXOSE AND PROTEIN LEVELS IN THE HAEMOLYMPH OF THE SCORPION, *HETEROMETRUS SCABER*.

P A Kurup R M Nair P J Vijayammal S

Leelamma

Indian J Exp Biol 5(3):184-186 REF

Jul 1967 442.8 IN2

Arachnida, Blood chemistry, Hexosamines, Hexoses, Insect biology, Proteins, Scorpionida, Seromucoid, Sialic acids. English abstract

19653-68

MALARIAL PARASITE METABOLISM: THE PENTOSE CYCLE IN PLASMODIUM BERGHEI.

B W Langer P Phisphumvidhi Y Friedlander

Exp Parasitol 20(1):68-76 REF

Feb 1967 436.8 EX7

Animal extracts, Blood cells, Enzymes, Metabolism, Pentoses, Plasmodium, Rodents. English abstract

19654-68

ACUTICAUDA ERIGERONTIS N. SP. A GALL FORMER ON ERIGERON (HOM. APHIDIDAE). (FR)

F Leclant G Remaudiere

Soc Entomol France Ann 03(4):953-965

1967 420 F84

Acuticauda erigerontis, Aphididae, Erigeron, Gall-making insects, Insect biology, Insect taxonomy, Parasitic insects, Plant galls.

19655-68

SOLENOBIA TRIQUETRELLA HUBNER, A FLIGHTLESS PARTHENOGENETIC MOTH, IN BRITISH COLUMBIA (LEPIDOPTERA: PSYCHIDAE).

H B Leech B A Sugden

Entomol Soc British Columbia J 64:56-59

01 Aug 1967 420 B77 (2)

Insect biology, Lepidoptera, Parthenogenesis, Psychidae, Reproduction, Zoogeography. English abstract

19656-68

HYMENOPTERA FROM DEAD WOOD. (DA)

V Lefebvre

Entomol Ber 27(11):219-220

01 Nov 1967 420 N38B

Bees, Formicidae, Hymenoptera, Insect taxonomy, Wood. English abstract

19657-68

UPDATE ON USDA RESEARCH FOR CONTROL OF ADULT MOSQUITOES.

C S Lofgren G A Mount B M Glancey

Pest Contr 35(9):38,40,42-43

Sep 1967 449.8 EX8

Aedes taeniorhynchus, Culicidae, Fog, Insecticide application, Insecticides, Spraying, Toxicity.

19658-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967. LINCOLN, NEW ZEALAND. *PTEROCALLIS ANLI* (DEGEER), AN APHID NOT PREVIOUSLY RECORDED FROM NEW ZEALAND.

A D Lowe

New Zeal Entomol 4(1):34-35

Mar 1968 421 N48

Alnus glutinosa, Aphididae, Insect biology, Insect identification.

19659-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967. LINCOLN, NEW ZEALAND. A SUGGESTED NORM FOR PROCEDURE IN QUANTITATIVE ECOLOGY STUDIES.

A D Lowe

New Zeal Entomol 4(1):24-26

Mar 1968 421 N48

Ecology, Statistical analysis.

19660-68

CHANGES IN REDUCING CARBOHYDRATES AND TREHALOSE DURING DEVELOPMENT OF EGGS FROM YOUNG AND OLD *TENEbrio MOLITOR* L.

D Ludwig G F Rajendram L J Ramazzotto

N Y Entomol Soc J 76(1):27-31 REF

29 Mar 1968 420 N48J

Carbohydrates, Glucose, Insect eggs, Insect morphology, Insect nutrition, *Tenebrio molitor*, Trehalose.

Abstract

19661-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967. LINCOLN, NEW ZEALAND. NOTES ON INSECTS TAKEN IN NEW ZEALAND.

D C M Manson

New Zeal Entomol 4(1):45-47

Mar 1968 421 N48

Drosophilidae, Gelechiidae, Hemiptera, Insect identification, Lepidoptera.

19662-68

GEOGRAPHIC VARIATION AND CLIMATIC ADAPTATION IN A FIELD CRICKET (ORTHOPTERA: GRILLIDAE).

S Masaki

Evolution 21(4):725-741 MAP REF

28 Dec 1967 443.8 EV62

Climate, Demography, Gryllidae, Insect adaptation, Insect ecology, Insect morphology.

19663-68

THE SPIRACULAR MECHANISM IN THE INDIAN SANN HEMP MOTH, *UTETHEISA PULCHELLA* LINNE (LEPIDOPTERA: ARCTIIDAE).

R B Mathur

Mushi 40(P11):139-146

24 Mar 1967 421 M97

Arctiidae, Insect morphology, Insect physiology, Lepidoptera.

19664-68

BOVINE MANURE AS AN OVERWINTERING MEDIUM FOR COLEOPTERA IN SOUTH DAKOTA.

B McDaniel E U Balsbaugh

Entomol Soc Amer Ann 61(3):765-768 REF

May 1968 420 EN82

Coleoptera, Culture media, Insects, Manures, Research.

19665-68

A GLUCOSINOLASE SYSTEM IN THE APHID *BREVICORYNE BRASSICAE*.

D B McGibbon R M Allison

New Zealand J Sci 11(3):440-446

Sep 1968 514 N482

Aphididae, Brassica, *Brevicoryne brassicae*, Cruciferae, Glucosidases, Insect biochemistry, Insect metabolism, Isothiocyanates. English abstract

19666-68

PROBING BEHAVIOR OF THE PEA APHID, *ACYRTHOSIPHON PISUM*. II. COMPARISONS OF SALIVATION AND INGESTION IN HOST AND NON-HOST PLANT LEAVES.

D L McLean M G Kinsey

Entomol Soc Amer Ann 61(3):730-739 REF

May 1968 420 EN82

Acyrthosiphon pisum, Aphididae, Broadbeans, Cowpeas, Feeding, Insect behavior, Insect physiology, Leaves, Lettuce, Salivary glands (insects). Grant NSF GB-3982

19667-68

OVULATION AND INDUCED EGG LAYING BY COPULATION AMONG DROSOPHILA; DROP IN THE PERCENTAGE OF GERMINATING EGGS AS A FUNCTION OF THE DURATION OF THEIR RETENTION. (FR)

J Merle J David

Acad Sci Compt Rend Ser D Sci Nat 265(25):2070-2073

18 Dec 1967 505 P21

Drosophilidae, Insect behavior, Insect eggs, Insect physiology, Oviposition, Ovulation. French abstract

19668-68

ELECTROPHYSIOLOGICAL ACTION OF CARBAMATE INSECTICIDES IN THE CENTRAL NERVOUS SYSTEM OF THE AMERICAN COCKROACH.

R L Metcalf W B Gruhn T R Fukuto

Entomol Soc Amer Ann 61(3):618-624 REF

May 1968 420 EN82

Biological assay, Carbamates, Electrophysiology, Insecticides, Nervous system, Periplaneta americana, Phenylcarbamates, Stereochemistry, Toxicology.

19669-68

GONADOTROPIC CYCLES IN THE FACE FLY, MUSCA AUTUMNALIS.

T A Miller R E Treece

Entomol Soc Amer Ann 61(3):690-696

May 1968 420 EN82

Gonadotropins, Insect physiology, Musca autumnalis, Ovipositors, Research.

19670-68

GENETIC ASPECTS OF ANAEROBIC METABOLISM IN MORMONIELLA VITRIPENIS.

G D Miner G S Kennington

Physiol Zool 41(2):220-227

Apr 1968 410 P56

Anoxia, Hymenoptera, Insect metabolism, Larvae, Pteromalidae. English abstract

19671-68

MOSQUITO CONTROL, PUBLIC RELATIONS AND THE PRESS.

J Monson

Utah Mosquito Abatement Ass Proc 1967 MEETING:21-22

Oct 1967 420 UT1

Agricultural outlook, Culicidae, Insect control, Public relations, Spraying equipment. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.

19672-68

A REVIEW OF BIOLOGY ON SPIDER MITES AND THEIR PREDATORS IN JAPAN.

H Mori

Mushi 40(P5):47-65 REF

10 Mar 1967 421 M97

Biology, Natural control (insects), Predaceous insects, Taxonomy, Tetranychidae.

19673-68

STUDIES ON THE POSTERIOR SILK GLAND OF THE SILKWORM BOMBYX MORI. III. ULTRASTRUCTURAL CHANGES OF POSTERIOR SILK GLAND CELLS IN THE FOURTH LARVAL INSTAR.

T Morimoto S Matsuura S Nagata Y Tashiro

J Cell Biol 38(3):604-614 REF

Sep 1968 442.8 J828

Bombyx mori, Electron microscopy, Fibroin, Insect histology, Metamorphosis. English abstract

19674-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967, LINCOLN, NEW ZEALAND. WHY BRING IN STATISTICS.

N S Mountier

New Zeal Entomol 4(1):28-30

Mar 1968 421 N48

Entomology, Insect ecology, Statistical analysis.

19675-68

BASIC BEHAVIOR OF NORTH AMERICAN SOLPUGIDA.

M H Muma

Fla Entomol 50(2):115-123 REF

Jun 1967 420 F662

Arachnida, Food habits, Insect behavior, Predaceous insects.

19676-68

METHODICAL REFERENCE AND COUNCIL ON THE BREEDING OF FRESH WATER MITE LARVA PARASITIC ON AIR INSECTS ON (ACARI HYDRACHNELLAE). (GE)

P Munchberg

Angew Parasitol 08(1):39-49 REF

Mar 1967 436.8 AN4

Diptera, Hydrachnellae, Insect behavior, Insect biology, Larvae, Odonata, Parasitic insects, Plecoptera. German, russian and english abstract

19677-68

INSPECTION AND CONTROL TECHNIQUES FOR THE PASTURE MOSQUITO, AEDES NIGRONACULIS.

W D Murray

Utah Mosquito Abatement Ass Proc 1967 MEETING:12-14

Oct 1967 420 UT1

Aedes nigromaculis, Biology, Chemical control (insects), Insect control, Insecticides, Spraying equipment, Surveys. Proceedings of the 20th Annual Meeting of Utah Mosquito abatement Ass.

19678-68

NEURAL AND HORMONAL INFLUENCE ON THE FECUNDITY AND EGGLAYING OF CERTAIN OXYURID NEMATODES INHABITING THE HIND GUT OF THE COCKROACH, PERIPLANETA AMERICANA L..

A M Nadakal K K Nayar

Indian J Exp Biol 06(1):29-32 REF

Jan 1968 442.8 IN2

Fertility, Hormones, Insect eggs, Insect physiology, Nematodes, Nervous system, Periplaneta americana. English abstract

19679-68

EGG LAYING MECHANISM IN RHIPICEPHALUS SANGUINEUS (LATREILLE) (ACARINA: IXODIDAE).

S K Nagar

Acarologia 09(4):821-822

Dec 1967 434.8 AC1

Insect anatomy, Insect biology, Oviposition, Reproductive organs, Rhipicephalus sanguineus.

19680-68

HABITAT MANIPULATION FOR WILDLIFE AND MOSQUITO CONTROL.

J E Nagel

Utah Mosquito Abatement Ass Proc 1967 MEETING:9

Oct 1967 420 UT1

Culicidae, Ecology, Insect control, Irrigation, Research, Water, Wildlife management. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.

19681-68

KARYOKINETIC SPINDLES AND THE BEHAVIOR OF CENTRIOLES IN THE SPERMATOCYTE MEIOSIS OF SILKWORMS AND GRASSHOPPERS.

Y Nakao Y H Nakanishi B Wada

Cytologia 33(1):125-136

Mar 1968 44.8 C99

Bombyx mori, Cytology, Grasshoppers, Meiosis, Spermatocytes. English abstract

19682-68

CHEMISTRY OF INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

P Neubert

13-84

1965

Acaricides, Attractants, Fumigants, Insect repellents, Insecticides, Ovicides.

19683-68

SOME OBSERVATIONS ON THE GALL MIDGES DASYNEURA EPILOBII (F. LOW) (DIPTERA: ITONIDIDAE) AND ITS GALL. (DA)

B O Nielsen

Flora Fauna 74(2):41-51 REF

Jun 1968 410 F662

Cecidomyiidae, Diptera, Insect biology, Plant galls, Zoogeography. English abstract

19684-68

MOISTURE AND FAT CONTENT DURING THE ADULT LIFE OF THE AMBROSIA BEETLE, TRYPODENDRON LINEATUM (OLIV.).

W W Nijholt

Entomol Soc British Columbia J 64:51-55

Jun 1968 410 B77 (2)

Fats, Hibernation, Humidity, Insect physiology, Scolytidae, Temperature. English abstract

19685-68

ELECTROLUMINESCENCE PLATES AS MOSQUITO ATTRACTANTS.

D Novak

Deut Entomol Z 14(5):481-482

06 Dec 1967 421 D48

Attractants, Culex pipiens, Culicidae, Insect behavior, Light traps. English abstract

19686-68

THE DEVELOPMENT AND FINE STRUCTURE OF CENTRIFUGED EGGS OF CHIRONOMUS THUMMI.

J Overton M Raab

Develop Biol 15(3):271-287 REF

Mar 1967 442.8 D49

Centrifugation, Chironomidae, Eggs, Electron microscopy, Insect morphology. English abstract

19687-68

ASPECTS OF PARTHENOGENIC OVOGENESIS IN DIFFERENT GROUPS OF APHIDS. (FR)

A M Pagliai

Soc Entomol France Ann 03(3):835-843 REF

1967 420 F84

Aphididae, Cytogenetics, Insect eggs, Insect genetics, Myzus persicae, Parthenogenesis. French and italian abstract

19688-68

REGENERATION OF APPENDAGES IN DAMSELFLIES.

D E Parvin P P Cook

Entomol Soc Amer Ann 61(3):784-785

May 1968 420 EN82

Ecology, Enallagma boreale, Extremities, Ischnura cervula, Ischnura perparva, Laboratories, Odonata, Regeneration, Research.

19689-68

ASEPTIC BREEDING OF DIPTERA HYLEMYIA ANTIQUA ON A SYNTHETIC MEDIUM. (FR)

M Pascal G Kuhl J Missonnier

Soc Entomol France Ann 03(4):1141-1144

1967 420 F84

Culture media, Diptera, Insect rearing, Insect rearing equipment.

Experiments to rear phytophagous Diptera in semi-synthetic media sterilized, to study physiopathological problems related to the transmission of viruses.

19690-68

BIOMETRIC OBSERVATIONS ON THE IMAGOS OF THE MOSQUITO AEDES VEXANS MEIG FROM THE REGION OF HODONIN IN 1966. (CZ)

J Paulovova

Biologia (bratislava) 22(7):525-528

1967 442.8 B5265

Aedes vexans. Biometry, Demography, Insect ecology. German, Russian and Czechoslovakian abstracts

19691-68

THE FECUNDITY OF FEMALES OF *TABANUS BOVINUS* AND *HYBOMITRA SOLSTITIALIS* IN RELATION TO THEIR PHYSIOLOGICAL STATE.

R P Pavlova

Zool Zhur 47(7):1103-1106

Jul 1968 410 R92

Fertility, Insect physiology, Ovaries, Reproduction, Tabanidae.

19692-68

FEEDING SPIDERS AN ARTIFICIAL DIET.

W B Peck W H Whitcomb

Entomol News (philadelphia) 79(9):233-236 REF

Nov 1968 421 EN88

Insect nutrition, Insect rearing, Lycosidae, Spiders.

19693-68

SOME EGGS OF MOTHS FROM SEVERAL FAMILIES OF MICROLEPIDOPTERA.

A Peterson

Fla Entomol 50(2):125-132

Jun 1967 420 F662

Insect eggs, Insect morphology, Lepidoptera, Limacodidae, Microlepidoptera.

19694-68

EGGS OF MOTHS FROM ADDITIONAL SPECIES OF GEOMETRIDAE-LEPIDOPTERA.

A Peterson

Fla Entomol 51(2):83-94

Jun 1968 420 F662

Geometridae, Insect eggs, Insect morphology, Lepidoptera.

19695-68

USE OF INSECTICIDES FOR PEST CONTROL. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

M Privora

215-227

1965

Formulations, Insect control, Insecticides.

19696-68

RESISTANCE OF INSECTS TO INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

M Privora

411-419

1965

Insect control, Insecticide resistant insects, Insecticides.

19697-68

EVIDENCE OF METAMERIC NEUROHEMAL ORGANS ASSOCIATED WITH THE VENTRAL NERVOUS SYSTEM IN *VESPA CRABRO* L. AND *VESPULA GERMANICA* FABR. (HYMENOPTERA VESPIDAE). (FR)

A Provansal

Acad Sci Compt Rend Ser D Sci Nat 267(8):864-867

19 Aug 1968 505 P21

Insect morphology, Nervous system, Vespidae. French abstract

19698-68

BACTERIA IN THE DIGESTIVE TRACT OF ALFALFA WEEVIL LARVAE.

A E Pye W G Yendol

Entomol Soc Amer Ann 61(3):791-792

May 1968 420 EN82

Bacteria, Culture media, Enterobacter cloacae, Erwinia cassavae, Erwinia rhapontici, Gastrointestinal system, Heterogenesis, Hypera postica, Larvae, Sampling (statistics), Temperature.

19699-68

FIELD INVESTIGATIONS ON THE ECOLOGY OF TICK-BORNE ENCEPHALITIS (TBE-0CEE) VIRUS IN LOWER AUSTRIA.

A Radda G Pretzmann H M Steiner

J Hyg Epidemiol Microbiol Immunol 12(3):274-283

1968 448.8 J826

Encephalitis, Insect ecology, Insect vectors, Ixodes ricinus, Virus diseases (animals). French, German, Spanish, Portuguese and English abstract

19700-68

TEMPERATURE COEFFICIENT OF INSECT SUSCEPTIBILITY TO INSECTICIDES.

B K Rai

Indian J Exp Biol 5(3):151-155 REF

Jul 1967 442.8 IN2

Chemical control (insects), Cicadidae, Insecticides, Locusta migratoria, Temperature. English abstract

19701-68

ANTICHOLINESTERASE ACTION OF SOME ORGANOPHOSPHORUS INSECTICIDES ON THE CENTRAL NERVOUS SYSTEM OF *MUSCA DOMESTICA*. (FR)

F Ramade

Soc Entomol France Ann 01(3):549-566 REF

1965 420 F84

Biochemistry, Esters, Fenitron, Insect physiology, Insecticides, Musca domestica, Nervous system, Parathion. French and English abstract

19702-68

GROWTH OF LARVAE OF THE HOUSE LONGHORN BEETLE (*HYLOTRUPES BAJULUS* L.) IN CONSTANT CONDITIONS.

S Rasmussen

Oikos 18(2):155-177 REF

1967 410 O14

Cerambycidae, Hylotrupes bajulus, Insect biology, Insect growth, Larvae.

19703-68

THE BIONOMICS OF THE RASPBERRY APHIDS APHIS IDAEI V. D. GOOT AND AMPHOPHORA RUBI (KALT.) (HOM., APHIDIDAE).

J Rautapaa

Ann Agr Fenn 06(4):127-144 MAP, REF

1967 20 AN7

Aphididae, Finland, Insect biology, Raspberries, Zoogeography. English and Finnish abstracts

19704-68

ON THE TERATOLOGY OF THE GENUS *MEGACHILE* LATR. (HYM., APIDAE). (GE)

O Rebmman

Entomol Z 78(9):97-99

02 May 1968 421 EN85

Abnormalities, Apidae, Hymenoptera, Insect abnormalities, Megachilidae.

19705-68

ON THE RELATIONSHIP BETWEEN PIGMENTATION AND PERCEPTIBILITY OF THE POTATO BEETLE *LEPTINOTARSA DECEMLINEATA* SAY. A CONTRIBUTION TO THE PHYSIOLOGICAL IMPORTANCE OF CAROTENOID PIGMENT WITH THE DEMONSTRATION OF VITAMIN A IN INSECTS. (GE)

W Reichmuth

Z Angew Zool 54(2):285-296 REF

1967 449.8 Z36

Biochemistry, Carotenoids, Chrysomelidae, Insect physiology, Leptinotarsa decemlineata, Pigments (insect), Vitamin A. German and English abstracts

19706-68

CYTOLOGICAL AND HISTOLOGICAL INVESTIGATIONS OF PERMANENT CELL LINES CULTURED IN VIVO OF *DROSOPHILA MELANOGASTER*. (GE)

P Remensberger

Chromosoma 23(4):386-417 REF

12 Mar 1968 442.8 C46

Cytology, Drosophila, Insect histology, Tissue culture. German and English abstract

19707-68

TO THE QUESTION OF THE REGULARITY OF THE CIRCADIAN RULE. (GE)

L Rensing W Brunken

Biol Zentralbl 86(5):545-565 REF

Sep 1967 442.8 B523

Arthropoda, Biology, Diurnal rhythm, Light, Physiology. German and English abstract

19708-68

CONTRIBUTION TO THE STUDY OF THE MORPHOLOGY OF THE CEPHALIC NERVOUS SYSTEM OF TERMITES. (FR)

G Richard

Soc Entomol France Ann 03(3):609-617 REF

1967 420 F84

Insect morphology, Insect physiology, Larvae, Nervous system, Termites. French and English abstract

19709-68

NOTES ON THE BIOLOGY OF TWO SPECIES OF RHAPAIIDOPHORIDAE (ORTHOPTERA) IN TASMANIA.

A M Richards

Linnean Soc New South Wales Proc 92(415,PT 3):273-278

06 May 1968 514 SY2

Habitats, Insect biology, Insect morphology, Metamorphosis, Orthoptera. English abstract

19710-68

AN INTRODUCED PASTURE BEETLE, *PLECTRIS ALIENA* CHAPIN (SCARABAEIDAE: MELOLONTINAE).

R J Roberts

Entomol Soc Australia (nsw) J 07(1):15-20 REF

30 Jun 1968 423.92 EN84

Habitats, Insect ecology, Insect rearing, Insect taxonomy, Larvae, Scarabaeidae. English abstract

19711-68

A TERATOLOGICAL SPECIMEN OF *PYCNOSCELUS SURINAMENSIS*.

L M Roth

Entomol Soc Amer Ann 61(3):777-779

May 1968 420 EN82

Abnormalities, Blaberus giganteus, Blattella germanica, Corpora allata, Insect anatomy, Insect morphology, Nervous system, Nymphs, Pycnoscelus surinamensis.

19712-68

PRINCIPLE OF ANALYTICAL SYNECOLOGY AND RECENT METHODS OF SAMPLING IN ENTOMOLOGICAL ECOLOGY. (FR)

M Roth

Rev Zool Agr Appl 00(1-3):21-26

1968 410.9 SO12

Ecology, Insect ecology, Reviews. French abstract

19713-68

BIOLOGICAL CONDITIONS OF MATING AND BREEDING OF *GRYLLUS BIMACULATUS* (ORTH. ENSIF. GRYLIDAE). (FR)

M Royer

Soc Entomol France Ann 02(3):671-685 REF

1966 420 F84

Biological clocks, Diurnal rhythm, Gryllidae, Insect behavior, Insect biology, Reproduction, Sex behavior. French and English abstract

19714-68

THE ANNULATE LAMELLAE IN SPERMATOGONIA OF THE GRASSHOPPER, *TRACTOMORPHA BEDELI* BOLIVAR.

A Sakai M Shigenaga

Cytologia 33(1):34-45 REF

Mar 1968 44.8 C99

Electron microscopy, Grasshoppers, Insect histology, Spermatogenesis. English abstract

19715-68

FINE STRUCTURE OF CENTRIOLES OF THE GRASSHOPPERS, *ACRIDA TURRITA* LINNE AND *TRACTOMORPHA BEDELI* BOLIVAR.

A Sakai M Shigenaga

Cytologia 32(1):105-110

25 Mar 1967 44.8 C99

Cytology, Electron microscopy, Grasshoppers, Insect histology. English abstract

19716-68
BEHAVIOR OF CYTOPLASMIC MEMBRANOUS STRUCTURES IN SPERMATOGENESIS OF THE GRASSHOPPER, *TRACTOMORPHA BEDELI BOLIVAR*.

A Sakai M Shigenaga

Cytologia 32(1):72-86

25 Mar 1967 44.8 C99

Cytology, Electron microscopy, Grasshoppers, Insect morphology, Spermatogenesis. English abstract

19717-68

INVESTIGATIONS ON THE DEVELOPMENTAL PHYSIOLOGY OF THE EMBRYONIC MYCEMOT OF *EUSCELIS PLEBEJUS* F. (HOMOPTERA, CICADINA). I. ISOLATION AND ABNORMAL COMBINATIONS OF DETAILED COMPONENTS OF THE SYMBIOTIC SYSTEMS. (GE)

K Sander

Develop Biol 17(1):16-38 REF

Jan 1968 442.8 D49

Cicadellidae, Insect eggs, Insect morphology, Insect physiology, Mycetozoa, Symbiosis. English and German abstract

19718-68

THE DEGREE OF INFESTATION OF SEVERAL BIRD SPECIES WITH MALLOPHAGA. (GE)

L Sasvari-Schäfer

Angew Parasitol 8(3):157-161

Aug 1967 436.8 AN4

Birds, Demography, Host relationships, Insect ecology, Mallophaga, Philopteridae, Starlings. German, Russian, English and Hungarian

19719-68

STUDIES ON THE COURSE OF THE INTERNAL BODY TEMPERATURE AND TRANSPIRATION OF *BLABERUS DISCOIDALIS* SV. AFTER POISONING WITH THIODAN. (GE)

E-f Schulze

Z Angew Zool 54(1):91-132

1967 449.8 Z36

Blaberus discoidalis, Blattidae, Endosulfan, Insect respiration, Insect temperature, Insecticides, Toxicology. German and English abstract

19720-68

EFFECTS OF DIFFERENT CONCENTRATIONS OF SODIUM, POTASSIUM AND CALCIUM ON THE RATE OF HEART BEAT OF *MADIERA COCKROACH*, *LEUCOPHAEA MADERAE* FABR.

J C Sharma

Indian J Exp Biol 5(3):179-180

Jul 1967 442.8 IN2

Blattidae, Calcium, Dorsal vessel, Heart rate, Insect metabolism, *Leucophaea maderae*, Orthoptera, Potassium, Sodium. English abstract

19721-68

THE EFFECT OF AGGREGATIONS OF THE GREEN PEACH APHID, *MYZUS PERSICAE* (SULZER), ON THE SPATIAL DISTRIBUTION AND PARASITIZATION OF A HYMENOPTEROUS PARASITE, *APHIDIUS Gifuensis* ASHMEAD. (JA)

M Shiga

Kyushu Univ Fac Agr Sci Bull 23(3):169-183 REF

Mar 1968 107.6 K995B

Aphididae, Aphidiidae, Demography, Insect behavior, *Myzus persicae*, Parasitic insects, Radishes. English abstract

19722-68

NOTES ON SEXUAL ACTIVITIES OBSERVED IN TWO SPECIES OF *DROSOPHILA*, *BRACHYNEPHROS* AND *UNISPINA*.

T Shima

Jap J Zool 15(3):335-341 REF

Mar 1967 410 J27

Drosophila, Insect behavior, Reproduction, Sex behavior. English abstract

19723-68

A COMPARISON BETWEEN DIFFERENT MOUNTING TECHNIQUES COMMONLY EMPLOYED IN ACAROLOGY.

G Singer

Acarologia 09(3):475-484 REF

Jul 1967 434.8 AC1

Acarology, Insect histology, Microscopy, Reviews.

19724-68

THE USE OF NEMATODES AND OLIGOCHAETES FOR REARING PREDATORY MITES.

G Singer G W Krantz

Acarologia 09(3):485-487 REF

Jul 1967 434.8 AC1

Insect cultures, Insect rearing, Mites, Nematodes, Predaceous insects.

19725-68

THE RESPONSE OF SOME MACROCHELIDS TO TEMPERATURE AND HUMIDITY (ACARINA: MACROCHELIDAE).

P Singh M T McEllistrem J G Rodriguez

Acarologia 09(1):1-20 REF

Apr 1967 434.8 AC1

Environment, Humidity, Insect ecology, Macrochelidae, Mites, Temperature. English abstract

19726-68

BIOCHEMICAL HOMOLGY BETWEEN CRYSTAL AND SPORE PROTEIN OF *BACILLUS THURINGIENSIS*.

H J Somerville F P Delafield S C Rittenberg

J Bacteriol 96(3):721-726 REF

Sep 1968 448.3 J82

Bacillus thuringiensis, Biochemistry, Chromatography, Electrophoresis, Immunochromatography, Proteins. English abstract

19727-68

SOME ASPECTS OF THE ECOLOGY OF ARBOREAL CRYPTOSTIGMATA (ACARI) IN NEW ZEALAND WITH SPECIAL REFERENCE TO THE SPECIES ASSOCIATED WITH *OLEARIA COLENSOI* HOOK. F..

A V Spain R A Harrison

New Zealand J Sci 11(3):452-458 REF

Sep 1968 514 N482

Acarina, Arachnida, Ecology, Plant pests.

19728-68

THE REARING OF THE HOUSE MITE, *DERMATOPHAGOIDES PTERONYSSINUS* (TRT. 1897). (DU)

F Th M Spieksma

Entomol Ber 28(5):84

01 May 1968 420 N38B

Dermatophagoides pteronyssinus, Insect rearing, Methodology, Mites. English abstract

19729-68

NOTES ON THE BIOLOGY OF *TRUPANEA ACINOBOLA* (DIPTERA: TEPHRITIDAE).

C E Stegmaier

Fla Entomol 51(2):95-99

Jun 1968 420 F662

Compositae, Diptera, *Erigeron strigosus*, Insect biology, Pteromalidae, Tephritidae, *Trupanea acinobola*.

19730-68

NOTES ON THE BIOLOGY AND DISTRIBUTION OF FLORIDA LEAFMINING FLIES OF THE GENUS *PHYTOBIA* LIOY, SUBGENUS *CALYCOMYZA* HENDEL (DIPTERA: AGROMYZIDAE).

C E Stegmaier

Fla Entomol 50(1):13-26 REF

Mar 1967 420 F662

Agromyzidae, Insect biology, Parasitism, *Phytobia*, Zoogeography.

19731-68

FUNCTIONAL MORPHOLOGY OF THE COPI-LATORY APPARATUS IN THE PRIMITIVE

LEPIDOPTERA AND GENERAL EVOLUTIONARY TRENDS IN THE GENITALIA OF THE LEPIDOPTERA.

A A Stekol'nikov

Entomol Rev 46(3):400-409 REF

Jul 1967 421 R322AE

Insect evolution, Insect morphology, Lepidoptera, Reproductive organs. English abstract

19732-68

STUDY OF THE VARIABILITY OF SEVERAL FRENCH SPECIES OF THE GENUS *TIMARCHA* LATREILLE (COL. CHRYSOMELIDAE). (FR)

R Stockmann

Soc Entomol France Ann 02(1):105-126 REF

1966 420 F84

Biometry, Chrysomelidae, Insect anatomy, Insect biology. French and English abstract

19733-68

THE ITALIAN LOCUST *CALLIPTAMUS ITALICUS* L. (ORTHOPTERA, ACRIDIDAE) IN KARA-KALPAKIA.

M V Stolyarov

Entomol Rev 46(3):368-376 REF

Jul 1967 421 R322AE

Acrididae, Benzene hexachloride, Chemical control (insects), Habitats, Insect biology, Insect ecology, Insect outbreaks, Orthoptera, Zoogeography.

The biology, ecology and harmfulness of the Italian locust, *Calliptamus italicus* in Kara-Kalpakia is discussed.

19734-68

EFFECT OF INSECTICIDES AND INSECTICIDE TREATED COCKROACH BLOOD ON THE HEART BEAT OF *PERIPLANETA AMERICANA* L.

P Sudershan M B Naidu

Indian J Exp Biol 5(4):215-218 REF

Oct 1967 442.8 IN2

Heart rate, Insect physiology, Insecticides, Malathion, *Periplaneta americana*, Pyrethrum. English abstract

19735-68

STRUCTURE OF CYASTERONE, A NOVEL C-29 INSECT-MOULTING SUBSTANCE FROM *CYATHULA CAPITATA*.

T Takemoto Y Hikino K Nomoto H Hikino

Tetrahedron Lett 50:5136

Dec 1967 385 T29

Cyasterone, *Cyathula capitata*, Insect hormones, Correction of errata in *Tetrahedron Letters* No. 33 pp. 3191-3194 (1967).

19736-68

STUDIES ON THE POSTERIOR SILK GLAND OF THE SILKWORM *BOMBYX MORI*. I. GROWTH OF POSTERIOR SILK GLAND CELLS AND BIOSYNTHESIS OF FIBROIN DURING THE FIFTH LARVAL INSTAR.

Y Tashiro T Morimoto S Matsuura S Nagata

J Cell Biol 38(3):574-588 REF

Sep 1968 442.8 J828

Bombyx mori, Electron microscopy, Fibroin, Insect histology, Insect morphology, Insect physiology. English abstract

19737-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967, LINCOLN, NEW ZEALAND. THE AUSTRALIAN WORKERLESS INQUILINE ANT *STRUMIGENYS XENOS BROWN* (HYMENOPTERA: FORMICIDAE) RECORDED FROM NEW ZEALAND.

R W Taylor

New Zeal Entomol 4(1):47-49

Mar 1968 421 N48

Formicidae, Hymenoptera, Insect identification, Zoogeography.

- 19738-68**
EFFECT OF DIFFERENT TEMPERATURES ON THE DURATION OF EMBRYONIC DEVELOPMENT OF SIX SPECIES OF TERRESTRIAL AND SUBTERRANEAN COLLEMBOLA HYPOGASTRURIDAE. (FR)
J M Thibaud
Acad Sci Compt Rend Ser D Sci Nat 265(25):2074-2076
18 Dec 1967 505 P21
Collembola, Embryology, Insect morphology, Insect physiology, Temperature. French abstract
- 19739-68**
RESEARCH ON THE NEURO-ENDOCRINE CONTROL OF OVIPOSITION IN CARAUSIUS MOROSUS BR. (PHASMIDES-CHELEUTOPTERA). (FR)
A Thomas
Acad Sci Compt Rend Ser D Sci Nat 267(5):518-521
29 Jul 1968 505 P21
Endocrine glands, Glands (insects), Hormones, Insect eggs, Insect physiology, Nervous system, Phasmatidac, Secretion. French abstract
- 19740-68**
PRELIMINARY STUDIES OF THE 'URADENIES' OF CERTAIN HETEROPTERA PEN-TATOMORPHS. (FR)
M Thouvenin
Soc Entomol France Ann 1(4):973-988 REF
1965 420 F84
Coreidac, Glands (insects), Heteroptera, Insect morphology, Insect physiology, Lygaeidae, Pentatomidac, Pyrrhocoridae. English abstract
- 19741-68**
A REVIEW OF THE CLASSIFICATION, PHYLOGENY AND EVOLUTION OF THE FAMILY BRACONIDAE (HYMENOPTERA).
V I Tobias
Entomol Rev 46(3):387-399 REF
Jul 1967 421 R322AE
Braconidae, Hymenoptera, Insect evolution, Insect taxonomy, Reviews.
- 19742-68**
DEVELOPMENTAL DURATION AND HATCHING OF THE PUPAE OF AEDES (OCHLEROTATUS) PUNCTOR (KIRBY) (DIPTERA, CULICIDAE) UNDER LONG DAYLIGHT CONDITIONS IN NORTHERN SWEDEN. (GE)
W Tobias D Tobias
Entomol Z 78(1-2):1-12 REF
15 Jan 1968 421 EN85
Aedes, Culicidae, Insect physiology, Light, Photoperiodism, Pupae. German and english abstract
- 19743-68**
ON THE CIRCADIAN RHYTHMS OF EMERGENCE OF CADDISFLIES (TRICHOPTERA). (GE)
W Tobias
Oikos 18(1):55-75 REF
1967 410 O14
Diurnal rhythm, Environment, Insect behavior, Insects, Molting (insects), Trichoptera. English and russian abstracts
- 19744-68**
SOME STUDIES ON THE RESISTANCE OF HONEY BEE LARVAE TO MORTALITY FROM STREPTOCOCCUS PLUTON. (POR)
T Tomioka
Biologico 33(9):207-208
Sep 1967 442.8 B529
Bees, Epizootic diseases, Insect diseases, Streptococcus. Portuguese abstract
- 19745-68**
ACETONE TREATMENT FOR PRESERVATION OF ADULT AND LARVAL MOSQUITOES.
J W Truman
Entomol Soc Amer Ann 61(3):779-780
May 1968 420 EN82
Acetone, Aedes, Anopheles, Culex, Culicidae, Insect protective devices, Larvae, Taxonomy, Wyeomyia.
- 19746-68**
PHOTOPERIODIC INDUCTION OF THE DIAPAUSE IN CATERPILLARS OF THE PINE MOTH.
V P Tyshchenko
Entomol Rev 46(3):331-340 REF
Jul 1967 421 R322AE
Diapause, Diurnal rhythm, Insect biology, Lasiocampidae, Photoperiodism. English abstract
- 19747-68**
CATERPILLAR AND PUPATION OF SCHRANKIA COSTAESTRIGALIS STEPHENS (LEP., NOCTUIDAE). (GE)
E Urbahn
Entomol Z 78(4):33-38
15 Feb 1968 421 EN85
Caterpillars, Insect morphology, Lepidoptera, Metamorphosis, Noctuidac, Pupae.
- 19748-68**
DETERMINING THE DEVELOPMENTAL CYCLE OF LOCUSTA MIGRATORIA AROUND LATITUDE 44 DEGREES N.: FOLLOWED BY A NOTE BY P. P. GRASSE (1924). (FR)
M Verdier
Soc Entomol France Ann 03(3):817-825 REF
1967 420 F84
Diapause, Insect morphology, Insect physiology, Locusta migratoria, Photoperiodism, Temperature.
- 19749-68**
THE LARVA OF DUVALIUS LEPINENSIS (COLEOPTERA, CARABIDAE). (IT)
A Vigna-Taglianti
Fragmenta Entomol 5(2):153-163 REF
22 Dec 1967 421 F84
Carabidac, Coleoptera, Insect morphology, Italy, Larvae. English and italian abstracts
- 19750-68**
EFFECT OF DDT ON INCORPORATION OF C14-LABELED GLUCOSE INTO PROTEIN AND SOLUBLE INTERMEDIATES OF NYMPHAL TRIATOMA INFESTANS.
E del Villar D Mosnaim
Exp Parasitol 21(2):186-194 REF
Oct 1967 436.8 EX7
Carbohydrates, DDT, Insect morphology, Insect physiology, Insecticide resistant insects, Larvae, Triatoma. English abstract
- 19751-68**
INVESTIGATION INTO FEEDING, REPRODUCTIVE BIOLOGY AND DEVELOPMENT OF LIMMOGETON FIEBERI MAYR (BELOSTOMATIDAE, HEMIPTERA) WHEN CONTRIBUTED TO THE KNOWLEDGE OF THE FRESHWATER SNAILS NATURAL TROPICAL ENEMIES. (GE)
J Voelker
Hamburg Zool Staatsinst Zool Mus Entomol Mitt 03(60):201-224 REF
25 Feb 1968 421 H17
Belostomatidae, Insect behavior, Insect biology, Insect ecology, Insect morphology, Insect nutrition, Reproduction, Snails. German and english abstract
- 19752-68**
COLOR VISION OF THE FEMALE STABLE FLY, STOMOXYS CALCITRANS.
R C Waldbillig
Entomol Soc Amer Ann 61(3):789-791
May 1968 420 EN82
Color, Diet, Environment, Insect pests, Photoperiodism, Phototropism, Research, Stomoxys calcitrans, Temperature.
- 19753-68**
THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967. LINCOLN, NEW ZEALAND. HANDLING TECHNIQUES FOR EGGS AND LARVAE OF WISEANA SP. (HEPIALIDAE).
J B Waller
New Zeal Entomol 4(1):57-60
Mar 1968 421 N48
Eggs, Hepialidac, Insect rearing, Larvae, Lepidoptera.
- 19754-68**
THE UTAH COMMUNITY PESTICIDE STUDY.
S L Warnick
Utah Mosquito Abatement Ass Proc 1967 MEETING:7-8
Oct 1967 420 UT1
Chemicals, Herbicides, Insecticides, Laboratories, Pesticides, Research. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.
- 19755-68**
NOTES ON BRACONIDAE CAUGHT IN A SWEEP-NET AT PADDY FIELDS. PART I. (HYMENOPTERA).
C Watanabe
Mushi 40(PT 15):189-198
24 Mar 1967 421 M97
Braconidae, Hymenoptera, Insect biology, Lepidoptera, Predaceous insects.
- 19756-68**
NEW HOST-RECORD OF APANTELES RU-FICRUS TO JAPAN. (HYMEN.: BRACONIDAE).
C Watanabe
Insecta Matsumurana 30(2):66
Jul 1968 421 IN77
Braconidae, Host relationships, Insect diseases.
- 19757-68**
CONTACT AND FUMIGANT TOXICITY OF OILS, SURFACTANTS, AND INSECTICIDES TO TWO APHID AND THREE BEETLE SPECIES.
D A Wolfenbarger C E Holscher
Fla Entomol 50(1):27-36
Mar 1967 420 F662
Aphididae, Brevicoryne brassicae, Chemical control (insects), Coleoptera, Insecticides, Myzus persicae, Oils, Pesticides, Sitophilus, Surface-active agents, Tribolium castaneum.
- 19758-68**
CURRENT STATUS OF PARATHION RESISTANCE IN UTAH.
D J Womeldorf
Utah Mosquito Abatement Ass Proc 1967 MEETING:23-25
Oct 1967 420 UT1
Aedes dorsalis, Chemical control (insects), Culex pipiens pipiens, Culex tarsalis, Fenthion, Insecticides, Malathion, Parathion. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.
- 19759-68**
ACARI AND COLLEMBOLA OF MOORLAND SOILS FROM YORKSHIRE, ENGLAND. I. DESCRIPTION OF THE SITES AND THEIR POPULATIONS.
T G Wood
Oikos 18(1):102-117 MAP REF
1967 410 O14
Acarina, Collembola, Demography, Insect ecology, Soil insects.
- 19760-68**
ACARI AND COLLEMBOLA OF MOORLAND SOILS FROM YORKSHIRE, ENGLAND. II. VERTICAL DISTRIBUTION IN FOUR GRASSLAND SOILS.
T G Wood
Oikos 18(1):137-140
1967 410 O14
Acarina, Collembola, Demography, Insect ecology, Pastures, Soil insects. English abstract
- 19761-68**
ACARI AND COLLEMBOLA OF MOORLAND SOILS FROM YORKSHIRE, ENGLAND. III. THE MICRO-ARTHROPOD COMMUNITIES.
T G Wood
Oikos 18(2):277-292 REF

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1967 410 O14

Acarina, Collembola, Demography, Insect ecology, Soil microbiology.

19762-68

NOTES ON BRACON ONUKII WATANABE, A PARASITE OF FOUR SPECIES OF LEPIDOPTEROUS BORERS (HYMENOPTERA BRACONIDAE).

K Yasumatsu

Mushi 40(PT 14):181-188 REF

24 Mar 1967 421 M97

Braconidae, Chilo suppressalis, Hymenoptera, Insect biology, Insect ecology, Lepidoptera, Predaceous insects.

19763-68

GROWTH OF COLORADO TICK FEVER (CTF) VIRUS IN PRIMARY TISSUE CULTURES OF ITS VECTOR, DERMACECTOR ANDERSONI STILES (ACARINA:IXODIDAE), WITH NOTES ON TICK TISSUE CULTURE.

C E Yunker J Cory

Exp Parasitol 20(3):267-277 REF

Jun 1967 436.8 EX7

Colorado tick fever virus, Dermacector andersoni, Methodology, Tissue culture. English abstract

19764-68

STUDIES ON THE GENUS CHIROTHRIPS HALIDAY (THYSANOPTERA: THIRIPIDAE) WITH DESCRIPTIONS OF NEW SPECIES.

R Zur Strassen

Entomol Soc Southern Afr J 29:23-43

31 Mar 1967 420 EN86

Insect taxonomy, Thripidae, Thysanoptera, Zoogeography.

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19765-68

SELECTION AND INVERSION POLYMORPHISM IN EXPERIMENTAL POPULATIONS OF DROSOPHILA PSEUDOOBSCURA INITIATED WITH THE CHROMOSOMAL CONSTITUTIONS OF NATURAL POPULATIONS.

W W Anderson Th Dobzhansky C D Kastritsis

Evolution 21(4):664-671 MAP REF

28 Dec 1967 443.8 EV62

Demography, Drosophila, Insect genetics, Polymorphism.

19766-68

A CLONAL SYSTEM OF DIFFERENTIAL GENE ACTIVITY IN DROSOPHILA.

W K Baker

Develop Biol 16(1):1-17 REF

Jul 1967 442.8 D49

Chromosomes, Drosophilidae, Genes, Insect genetics, Larvae, Metamorphosis, Pigments (insect). English abstract

19767-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967, LINCOLN, NEW ZEALAND. POPULATION GENETICS AND ECOLOGY.

R S Bigelow

New Zeal Entomol 4(1):7-12

Mar 1968 421 N48

Demography, Ecology, Insect evolution, Insect genetics.

19768-68

THE EVOLUTIONARY VARIATIONS OF CARABIDS IN THE MEGODONTUS VIOLACEUS GROUP L. FROM WESTERN AND CENTRAL EUROPE. (COL. CARABIDAE). (FR)

H Cleu

Soc Entomol France Ann 02(4):951-966

1966 420 F84

Breeding, Carabidae, Heterosis, Insect evolution, Insect genetics. German abstract

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INTERPOPULATION KARYOTYPE DIFFERENCES IN AUSTRALIAN IRIDOMYRMEX OF THE DETECTUS GROUP (HYMENOPTERA: FORMICIDAE: DOLICHODERINAE).

R H Crozier

Entomol Soc Australia (nsw) J 07(1):25-27

30 Jun 1968 423.92 EN84

Chromosomes, Formicidae, Insect genetics. English abstract

19770-68

CHROMOSOMAL VARIATION IN AGRODIAETUS DOLUS HUBNER (LEP. LYCAENIDAE). (FR)

H De Lesse

Soc Entomol France Ann 02(1):209-214 MAP

1966 420 F84

Chromosomes, Insect genetics, Insect taxonomy, Lycaenidae. French and english abstract

19771-68

ASPECTS OF MATING BEHAVIOR OF THE GYPSY MOTH.

C C Doane

Entomol Soc Amer Ann 61(3):768-773 REF

May 1968 420 EN82

Breeding, Eggs, Insect behavior, Insect morphology, Ovipositors, Porthetria dispar, Research.

19772-68

THE POLYMORPHISM IN PHILAENUS SPUMARIUS (L.) (HEMIPTERA: CERCOPIDAE) IN BRITISH COLUMBIA.

D J Farish G G E Scudder

Entomol Soc British Columbia J 64:45-51 REF

01 Aug 1967 420 B77 (2)

Cercopidae, Demography, Humidity, Insect genetics, Philaenus spumarius, Polymorphism, Statistical analysis, Temperature, Zoogeography. English abstract

19773-68

CELLULAR DEGENERATION IN WING DEVELOPMENT OF THE MUTANT VESTIGIAL OF DROSOPHILA MELANOGASTER.

D Fristrom

J Cell Biol 39(2):488-491

Nov 1968 442.8 J828

Drosophila melanogaster, Insect genetics, Metamorphosis, Mutation, Wings (insects). English abstract

19774-68

CLONAL ANALYSIS OF DETERMINATION DYNAMICS IN CULTURES OF IMAGINAL DISKS IN DROSOPHILA MELANOGASTER.

W Gehring

Develop Biol 16(5):438-456 REF

Nov 1967 442.8 D49

Drosophila, Insect genetics, Insect morphology, Irradiation, Larvae, Metamorphosis, Tissue culture, Transplanting, X-rays. English and german abstract

19775-68

SOME OBSERVATIONS ON VARIEGATION IN DROSOPHILA.

H Gloor F M A Van Breugel W S Volkers

Genetica 38(2):95-114 REF

1967 442.8 G282

Chromosomes, Drosophila, Drosophilidae, Eyes, Insect genetics, Insect mutation, Pigments (insect).

19776-68

KARYOTYPES AND SEX-DETERMINATION IN SPIDER MITES (TETRANYCHIDAE).

W Helle H R Bolland

Genetica 38(1):43-53 REF

1967 442.8 G282

Chromosomes, Cytogenetics, Sex determination, Tetranychidae.

19777-68

FERTILIZATION IN DROSOPHILA. III. A REEVALUATION OF THE ROLE OF POLYSPERMY IN DEVELOPMENT OF THE MUTANT DEEP ORANGE.

P E Hildreth J C Lucchesi

Develop Biol 15(6):536-552 REF

Jun 1967 442.8 D49

Drosophilidae, Insect behavior, Insect genetics, Insect mutation, Reproduction, Sterility.

19778-68

PROTEIN DIFFERENCES IN DROSOPHILA. IV. A STUDY OF SIBLING SPECIES.

J L Hubby L H Throckmorton

Amer Natur 102(925):193-205

May 1968 470 AM36

Drosophilidae, Enzymes, Insect genetics, Insect taxonomy, Polymorphism. English abstract

19779-68

MELANISM IN CONNECTICUT CHARADRA DERIDENS (GUENEE) (LEPIDOPTERA: NOCTUIDAE).

A B Klots

N Y Entomol Soc J 76(1):58-59 REF

29 Mar 1968 420 N48J

Insect genetics, Melanism, Moths, Noctuidae.

19780-68

DNA ORGANIZATION IN THE MATURE SPERM OF SEVERAL ORTHOPTERA BY THE METHOD OF POLARIZED FLUORESCENCE MICROSCOPY.

J W Macinnes R B Uretz

J Cell Biol 38(2):426-436 REF

Aug 1968 442.8 J828

Acheta assimilis, Acheta domesticus, Acrididae, Cytogenetics, Deoxyribonucleic acid, Fluorescence microscopy, Gryllidae, Insect genetics, Romalea microptera, Spermatozoa, Tetragoniidae. English abstract

19781-68

EVOLUTION OF CARYOTYPE IN AN INTERESTING SPECIES OF GRASSHOPPER, TRISTRIA PULVINATA UVAROV.

G K Manna S C Mazumder

Cytologia 32(2):236-247 REF

Sep 1967 44.8 C99

Animal abnormalities, Chromosomes, Cytogenetics, Grasshoppers, Insect genetics. English abstract

19782-68

FURTHER EVIDENCE ON SEXUAL ISOLATION WITHIN DROSOPHILA ATHABASCA.

D D Miller N J Westphal

Evolution 21(3):479-492 REF

27 Sep 1967 443.8 EV62

Chromosomes, Demography, Drosophila, Insect biology, Insect genetics, Reproduction, Sex.

19783-68

EFFECT OF DICYANDIAMIDE ON PUFFING ACTIVITY AND MORPHOLOGY OF SALIVARY GLAND CHROMOSOMES OF DROSOPHILA MELANOGASTER.

A S Mukherjee

Indian J Exp Biol 06(1):49-51 REF

Jan 1968 442.8 IN2

Chromosomes, Cyanoguanidine, Cytology, Drosophila, Insect genetics, Salivary glands. English abstract

19784-68

GENERAL CONSIDERATIONS RELATIVE TO THE USE OF VERY LOW VOLUME LARVICIDING IN MOSQUITO CONTROL.

T D Mulhern

Utah Mosquito Abatement Ass Proc 1967 MEETING:15-18

Oct 1967 420 UT1

Aerial spraying, Culicidae, Evaporation, Insect control, Larvicides, Research, Viscosity. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.

19785-68

OOGENESIS IN THE PARTHENOGENETIC STICK INSECT SIPYLOIDEA SIPYLUS WESTWOOD (ORTHOPTERA, PHASMIDAE).

L P Pijnacker

Genetica 38(4):504-515 REF

1968 442.8 G282

Histology, Insect genetics, Oogenesis, Parthenogenesis, Phasmatidae.

19786-68

A STUDY OF ISOENZYME POLYMORPHISM IN EXPERIMENTAL POPULATIONS OF DROSOPHILA MELANOGASTER.

M Rasmuson B Rasmuson L R Nilson

Hereditas 57(1-2):263-274

29 Sep 1967 442.8 H42

Demography, Drosophila melanogaster, Drosophilidae, Esterases, Insect genetics, Leucine aminopeptidase, Polymorphism.

19787-68

MATING PROPENSITY, CHROMOSOMAL POLYMORPHISM, AND DEPENDENT CONDITIONS IN DROSOPHILA PERSIMILIS.

E B Spiess L D Spiess

Evolution 21(4):672-678

28 Dec 1967 443.8 EV62

Chromosomes, Drosophila, Insect genetics, Polymorphism, Reproduction, Sex behavior.

19788-68

NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA. II. TRANSPLANTATION OF EYELESS-DOMINANT LEG DISKS.

C Tokunaga

Develop Biol 18(4):401-413

Oct 1968 442.8 D49

Autogeny, Chromosomes, Drosophila melanogaster, Insect genetics, Insect physiology, Nervous system, Transplanting. English abstract

19789-68

ORIENTATION AND SEGREGATION OF ASYNAPTIC MULTIPLE SEX CHROMOSOMES IN THE MALE OMOPHOITA CLERICA ERICHSON (COLEOPTERA: ALTICIDAE).

N Virkki

Hereditas 57(1-2):275-288 REF

1967 442.8 H42

Chromosomes, Chrysomelidae, Coleoptera, Cytogenetics, Insect genetics, Sex.

19790-68

ORIGIN AND EVOLUTION OF PARTHENOGENETIC REPRODUCTION IN THE GRASSHOPPER MORABA VIRGO (EUMASTACIDAE: MORABINAE).

M J D White G C Webb

Australian J Zool 16(4):647-671 MAP REF

Sep 1968 410 AU73

Autoradiography, Chromosomes, Grasshoppers, Insect evolution, Insect genetics, Parthenogenesis, Reproduction. English abstract

19791-68

KARYOTYPES OF SOME MEMBERS OF THE GRASSHOPPER FAMILIES LENTULIDAE AND CHARILAIIDAE.

M J D White

Cytologia 32(2):184-189 MAP

Sep 1967 44.8 C99

Catalogs, Chromosomes, Grasshoppers, Insect genetics.

19792-68

NEO-XY SEX CHROMOSOME MECHANISMS IN TWO SPECIES OF TETTIGONIOIDAE (ORTHOPTERA).

M J D White A Mesa R Mesa

Cytologia 32(2):190-199 REF

Sep 1967 44.8 C99

Chromosomes, Cytogenetics, Genetics, Insect genetics, Sex determination, Tettigoniidae.

19793-68

GENETIC STUDY OF CHROMATIC VARIATION AND ANATOMICAL STUDY OF CHELYMORPHA VARIABILIS BOH. (O CHELYMORPHA CRUCIFERA BOH.), 1854 (COLEOPTERA, CHRYSOMELIDAE, CASIDINAE). (SP)

L C de Zolessi

Soc Uruguay Entomol Rev 7(00):20-44 REF

15 Jul 1968 423.92 SO1

Chrysomelidae, Insect genetics, Insect taxonomy, Zoogeography. English and spanish abstract

MEDICAL ENTOMOLOGY

19794-68

INDEX CATALOGUE TO RUSSIAN, CENTRAL AND EASTERN EUROPEAN, AND CHINESE LITERATURE IN MEDICAL ENTOMOLOGY. CONTROL MEASURES FOR ARTHROPODS OF MEDICAL IMPORTANCE. 241.74 M36.

G Anastos

(SUPPL 5):1-91 REF

1968

Arthropoda, Medical entomology, Pest control.

19795-68

METHODS FOR THE STUDY OF TRACHEAL SYSTEM AND COPULATORY APPARATUS IN MENACANTHUS STRAMINEUS.

N S Brown

Entomol Soc Amer Ann 61(3):788-789

Jun 1968 420 EN82

Arthropoda, Insect physiology, Insects, Menacanthus stramineus, Research, Tracheal gills.

19796-68

PEST MANAGEMENT CONCEPTS AND CONTROL OF TICK PARALYSIS IN BRITISH COLUMBIA.

P R Wilkinson

65(0):3-9 REF

01 Aug 1968

Dermacentor andersoni, Insect control, Insect ecology, Livestock, Tick paralysis. English abstract

19797-68

TASTE RESPONSE OF A BIRD TO CONSTITUENTS OF ARTHROPOD DEFENSIVE SECRETIONS.

R S H Yang M R Kare

Entomol Soc Amer Ann 61(3):781-782

May 1968 420 EN82

Arthropoda, Benzoquinones, Bird repellents, Birds, Predatory birds, Salicylaldehyde, Secretion, Taste testing.

CROP PRODUCTION

19798-68

COMPETITION WITH HEPTACHLOR DUST AND OTHER CHLORINATED DUST FORMULATIONS FOR CONTROL OF ANT COLONIES OF ATTA SEXDENS RUBROPILOSA FOREL, 1908 AND A. LAEVIGATA (F. SMITH, 1858). (POR)

E Amante

Biologico 33(4):80-84 REF

Apr 1967 442.8 B529

Aldrin, Atta, Chemical control (insects), Chlor-dane, Formicidae, Heptachlor, Insect pests. English abstract

19799-68

THE EFFECT OF (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE (CCC) ON CERTAIN AGRONOMIC TRAITS OF BARLEY.

E N Larter

Can J Plant Sci 47(4):413-421 REF

Jul 1967 450 C16

Agronomy, Barley, Chloroethyl)trimethylammonium chloride, (2-, Lodging (barley), Plant growth inhibitors, Plant physiology.

Abstract: Cyocel, a growth retardant, was more than sufficient to prevent lodging. Treatments that were effective in reducing plant height also tended to retard maturity.

19800-68

ECOLOGO: A MODERN VIEWPOINT.

F H Whitehead

Pans (pest Articles News Sum) Sect A Insect Contr 13(3):193-201

Aug 1967 423.92 G798

Biology, Demography, Ecology, Environment, Physiology, Plants, Research.

DISEASES

19801-68

SOURCES OF RESISTANCE IN COTTON TO DIFFERENT PHASES OF BACTERIAL BLIGHT DISEASE PREVALENT AT HAMBANTOTA.

D V W Abeygunawardena P Shivanathan

Trop Agr & peradeniya 73(1-2):7-15 REF

Jan 1967 26 T751

Angular leafspot (cotton), Bacterial diseases (plants), Cotton, Crop varieties, Plant genetics, Plant pest resistance, Xanthomonas malvacearum. English abstract

19802-68

THE PROBLEM OF ISOLATION OF THE X VIRUS INHIBITOR FROM POTATO LEAF SAP.

L Albrechtova

Biol Plant 10(4):296-304

450 B52

Electrophoresis, Plant biochemistry, Plant growth inhibitors, Potatoes, Virus x (potatoes). English, russian and czech abstracts

19803-68

TEST OF FOUR FUNGICIDES FOR THE CONTROL OF CERCOSPORA LEAF SPOT OR FROG-EYE DISEASE OF TOBACCO.

A C Bagoyo T T Reyes V M Ela

Philippine Agr 50(8):823-830 REF

Jan 1967 25 P542

Cercospora, Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Tobacco.

19804-68

ADVANCES IN PLANT VIRUS RESEARCH.

J B Baneroft

Agr Sci Rev 06(2):9-15

1968 431.3 AG893

Agricultural research, Insect vectors, Morphology, Physiology, Virology, Virus diseases (plants). English abstract

19805-68

THE INACTIVATION OF VEINBANDING AND LATENT C VIRUSES IN STRAWBERRIES BY HEAT TREATMENT.

A T Bolton

Can J Plant Sci 47(4):375-380 REF

Jul 1967 450 C16

Latent virus (strawberries), Potassium permanganate, Strawberries, Temperature, Vein banding (strawberries), Virus c (strawberries), Virus diseases (plants).

Abstract: It was concluded that latent C was inactivated at 46.50C and veinbanding at 48 C.

19806-68

SENSORIAL ANALYSIS ON TUBERS OF NATIVE POTATOES TREATED WITH INSECTICIDES. (POR)

J O Boock R S Garruti A Orlando J P N Jorge

Biologico 34(2):36-38

Feb 1968 442.8 B529

Carbaryl, Diazinon, DDT, Endosulfan, Fungicides, Insecticide residues, Parathion, Plant physiology, Potatoes, Taste testing.

An unpleasant flavor was detected in potatoes treated with insecticides: endosulfan, diazinon, parathion, DDT and carbaryl.

19807-68

PSEUDOMONAS RUBRISUBALBICANS.

J F Bradbury

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(121-130):128

1967 462.7 C73

Air-borne plant diseases, Bacterial diseases (plants), Plant disease transmission, Plant geography, Pseudomonas, Sugarcane.

Description of a bacterial pathogen of sugarcane, its geographical distribution and etiology.

19808-68

19808-68

PSEUDOMONAS TABACI.

J F Bradbury

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(121-130):129
1967 462.7 C73

Bacterial diseases (plants), Plant disease transmission, Plant geography, *Pseudomonas tabaci*, Seed treatment, Tobacco, Wildfire (tobacco).

Description of a bacterial pathogen of tobacco, its geographical distribution and etiology.

19809-68

ERWINIA STEWARTII.

J F Bradbury

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(121-130):123
1967 462.7 C73

Bacterial diseases (plants), Corn, Enterobacteriaceae, *Erwinia*, Insect vectors, Plant geography.

Description of a bacterial pathogen of maize, its geographical distribution and etiology, biological control measures include resistant varieties, seed treatment and vector control.

19810-68

PSEUDOMONAS RUBRILINEANS.

J F Bradbury

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(121-130):127
1967 462.7 C73

Air-borne plant diseases, Bacterial diseases (plants), Plant disease transmission, Plant geography, *Pseudomonas*, Sugarcane.

Description of a bacterial pathogen of sugarcane, its geographical distribution and etiology.

19811-68

REDUCTION OF BANANA ANTHRACNOSE FOLLOWING HOT-WATER TREATMENT OF THE GREEN FRUIT.

O J Burden

Queensland J Agr Anim Sci 25(3):135-144 REF
Sep 1968 23 Q37

Anthracnose (bananas), Bananas, Fungus diseases (plants), Hot water treatment (plants), Plant disease control.

19812-68

FUNGICIDES FOR THE CONTROL OF DISEASES ON THE AERIAL PORTION OF THE PLANT. (POR)

C A Campacci L O C Rezende U Suzuki

Biologico 34(8):182-185

Aug 1968 442.8 B529

Alternaria solani, Chemical control (plant diseases), Fungicides, Fungus diseases (plants), *Phytophthora infestans*, Potatoes.

19813-68

INVESTIGATIONS ON THE WILT DISEASE OF GUAVA (PSIDIUM GUAJAVA L.) IN WEST BENGAL. II.

S B Chattopadhyay S K Bhattacharjya

Indian J Agr Sci 38(1):176-183

Feb 1968 22 AG831

Fungus diseases (plants), *Fusarium solani*, Guavas, Hydrogen-ion concentration, Plant nutrition, Soil moisture. English abstract

19814-68

A NOTE ON TRANSLOCATION-TRISOMIC PLANT FROM GAMMA-IRRADIATED BARLEY.

K Das B C Goswami

Cytologia 32(1):55-58

25 Mar 1967 44.8 C99

Barley, Chromosomes, Cytogenetics, Gamma rays, Irradiation, Plant abnormalities.

19815-68

CONTRIBUTION TO THE STUDY OF RING SPOT TYPE VIRUS OF STONE FRUIT TREES. (FR)

J Duncz

Soc Franc Physiol Veg Bull 12(4):377-382

Dec 1966 451 SO193

Antigens, Ring spot (fruit), Ring spot (plums), Ring spot (trees), Serological tests, Virus diseases (plants). French abstract

19816-68

FREE AMINO ACIDS FROM THE LEAVES OF HEALTHY BRASSICA CHINENSIS OR INFECTED WITH THE YELLOW MOSAIC VIRUS OF TURNIPS. (FR)

H Duranton L Hirth J Meyer

Soc Franc Physiol Veg Bull 12(4):325-333 REF

Dec 1966 451 SO193

Amino acids, Chinese cabbage, Plant biochemistry, Plant physiology, Turnips, Virus diseases (plants), Yellow mosaic (turnips). French and english abstract

19817-68

SOME NEW HOSTS FOR VERTICILLIUM NIGRESCENS.

G Evans

Plant Dis Rep 52(11):904

Nov 1968 1.9 P69P

Cotton, Dicotyledons, Fungus diseases (plants), Greenhouse culture, Microorganisms, Roots, Seedlings, Soil sterilization, Vascular system (plants), *Verticillium nigrescens*.

19818-68

PARATHION, A SELECTIVE RUST FUNGICIDE, COMPARED WITH MANEB IN THE CONTROL OF CEREAL RUSTS.

G Fleischmann J W Martens R I H McKenzie

Can J Plant Sci 48(3):261-265

May 1968 450 C16

Chemical control (plant diseases), Crown rust (oats), Fungicides, Maneb, Oats, Parathion. English abstract

19819-68

METHODS OF THE TRANSMISSION OF PLANT PATHOGENIC VIRUSES WITH NEMATODES. (GE)

R Fritzsche

Biol Zentralbl 86(6):753-759

Nov 1967 442.8 B523

Nematodes, Plant disease transmission, Virus diseases (plants). German and english abstract

19820-68

EFFECT OF 35 DEGREE C TEMPERATURE ON VITIS RUPESTRIS ATTACKED BY FAN-LEAF. (FR)

R Galzy

Soc Franc Physiol Veg Bull 12(4):391-399

Dec 1966 451 SO193

Fanleaf (grapes), Grapes, Plant disease control, Temperature, Virus diseases (plants). French and english abstract

19821-68

THE ESTABLISHMENT OF HOP TISSUE CULTURES AND THEIR INFECTION BY DOWNY MILDEW PSEUDOPERONOSPORA HUMULI (MIY. AND TAK.) WILSON UNDER ASEPTIC CONDITIONS.

M J Griffin J R Coley-Smith

J Gen Microbiol 53(2):231-236 REF

Sep 1968 448.3 J823

Downy mildew, Fungus diseases (plants), Hops, Morphology, *Pseudoperonospora humuli*, Tissue culture.

19822-68

THE AFFECT OF INSECTICIDES ON MICROORGANISMS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

G Grummer

462-468

Chlorinated hydrocarbons, Insecticides, Microorganisms, Plants, Soils.

19823-68

DETERMINING MINOR ELEMENTS.

W J Hanna

Agr Chem 22(8):23-25

Aug 1967 381 AG8

Animals, Microanalysis, Micronutrients, Plant nutritional deficiencies, Plants, Soils.

19824-68

INVASION OF PLANT TISSUE BY BACTERIA UNDER IN VITRO CONDITIONS.

E W Henry J G Valdovinos T E Jensen

Plant Physiol 43(10):1730-1733 REF

Oct 1968 450 P692

Bacteria, Electron microscopy, Epiphytes, Peas.

19825-68

VIRUSES AND VIRUS DISEASES OF THE GRAPEVINE.

W B Hewitt

Rev Appl Mycol 47(9):433-455 REF

Sep 1968 405 R328

Air-borne plant diseases, Catalogs, Grape vineyards, Nomenclature, Plant disease transmission, Plant geography, Soil-borne plant diseases, Virus diseases (plants). English abstract

19826-68

STUDY OF THE RNA PROTEIN INTERACTIONS IN THE YELLOW MOSAIC VIRUS OF THE TURNIP. COMPARATIVE ACTION OF UREA ON THE VIRUS AND ON THE CAPSIDS. (FR)

L Hirth C Fritsch G Jonard B Dorne

Soc Franc Physiol Veg Bull 12(4):259-272 REF

Dec 1966 451 SO193

Plant biochemistry, Plant physiology, Proteins, Turnips, Urea, Virus diseases (plants), Yellow mosaic (turnips). French and english abstract

19827-68

RESTORATION OF VIRULENCE OF STORED CULTURES OF PHYTOPHTHORA INFESTANS.

W A Hodgson K P Sharma

Can J Plant Sci 47(4):447-449

Jul 1967 450 C16

Culture media, Fungus diseases (plants), Late blight (potatoes), *Phytophthora infestans*, Plant disease resistance.

19828-68

ACTIVE RESISTANCE TO APPLE SCAB.

L D Hunter D S Kirkham R C Hignett

J Gen Microbiol 53(1):61-67 REF

Aug 1968 448.3 J823

Apples, Fungus diseases (plants), Plant disease resistance, Plant growth inhibitors, Scab (apples), Venturia. English abstract

19829-68

ERYSIPHE TRIFOLII.

J N Kapoor

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 16(151-160):156

1968 462.7 C73

Clover, Erysiphe, Fungus diseases (plants), Plant disease resistance, Plant geography.

Description of a fungal pathogen of clover, its geographical distribution and etiology.

19830-68

ERYSIPHE GRAMINIS.

J N Kapoor

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 16(151-160):153 REF

1968 462.7 C73

Barley, Erysiphe, Fungus diseases (plants), Grain, Grasses, Plant geography, Powdery mildew (plants), Wheat.

Description of a fungal pathogen of cereals and grasses, its geographical distribution and etiology.

19831-68

ERYSIPHE BETAE.

J N Kapoor

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 16(151-160):151

1968 462.7 C73

Chemical control (plant diseases), Copper oxchloride, D, 2,4-, Erysiphe, Fungus diseases (plants), Plant geography, Powdery mildew

(beets), Seed-borne plant diseases, Sugar beets.

Description of a fungal pathogen of sugar beets, its geographical distribution and etiology.

19832-68 PODOSPHAERA LEUCOTRICA.

J N Kapoor

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 16(151-160):158

1968 462.7 C73

Air-borne plant diseases, Apples, Dinocap, Fungicides, Fungus diseases (plants), Plant geography, Podosphaera, Powdery mildew (apples), Sulfur compounds.

Description of a fungal pathogen of apples, its geographical distribution and etiology.

19833-68 ERYSIPHE CICHORACEARUM.

J N Kapoor

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 16(151-160):152

1968 462.7 C73

Compositae, Erysiphe, Fungus diseases (plants), Lettuce, Plant geography, Powdery mildew (lettuce), Safflower.

Description of a fungal pathogen of lettuce, safflower and Compositae, its geographical distribution and etiology.

19834-68 EFFECT OF IONIZING RADIATIONS ON RESTING CONIDIA OF ASPERGILLUS FLAVUS.

M Kopelman P Markakis B S Schweigert

J Food Sci 32(6):694-696

Nov 1967 389.8 F7322

Aspergillus, Aspergillus flavus, Conidia, Fungus diseases (plants), Gamma rays.

19835-68 EFFICACY OF TRANSMISSION OF FIRE BLIGHT RESISTANCE IN PYRUS.

R E C Layne C H Bailey L F Hough

Can J Plant Sci 48(3):231-243 REF

May 1968 450 C16

Bacterial diseases (plants), Fire blight (pears), Immunity, Pears, Plant disease resistance. English abstract

19836-68 PECULIARITIES OF AN ISOLATED CLONE ORIGINATING FROM A THERMOPHILIC ROOT OF THE TOBACCO MOSAIC VIRUS. (FR)

G Lebeurier M Wurtz

Acad Sci Compt Rend Ser D Sci Nat 267(8):871-874

19 Aug 1968 505 P21

Electron microscopy, Mosaic (tobacco), Plant physiology, Temperature, Virology. French abstract

19837-68 CONTRIBUTION TO THE STUDY OF THE HYPERSENSITIVITY PHENOMENON TO THE TOBACCO MOSAIC VIRUS. (FR)

C Martin

Soc Franc Physiol Veg Bull 12(4):345-354

Dec 1966 451 SO193

Hypersensitivity, Mosaic (tobacco), Plant metabolism, Plant physiology, Temperature, Tobacco, Virus diseases (plants). French and english abstract

19838-68 CERATOCYSTIS FIMBRIATA.

G Morgan-Jones

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(141-150):141

1967 462.7 C73

Air-borne plant diseases, Blight, Canker, Ceratocystis, Fungus diseases (plants), Insect vectors, Rot, Wilt.

Description of a plant pathogenic fungus, its geographical distribution and etiology.

19839-68 CERATOCYSTIS PARADOXA.

G Morgan-Jones

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(141-150):143

1967 462.7 C73

Air-borne plant diseases, Ceratocystis, Chemical control (plant diseases), Fruit, Fungus diseases (plants), Plant geography, Soil-borne plant diseases.

Description of the fungal pathogen of tropical fruits, its geographical distribution and etiology.

19840-68 PODOSPHAERA TRIDACTYLA.

K G Mukerji

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 19(181-190):187

1968 462.7 C73

Air-borne plant diseases, Fungus diseases (plants), Plant disease control, Plant geography, Plums, Podosphaera, Powdery mildew (plants), Prunus.

Description of the fungal pathogen of prunus, its geographical distribution and etiology.

19841-68 CHEMOTHERAPEUTIC TREATMENTS AGAINST LEAF-CURL OF TOMATO.

A K Mukherjee S P Raychaudhuri

Montana Acad Sci Proc 27(00):35

1967 500 M762

Chemical control (plant diseases), Drug therapy, Leaf curl (tobacco), Tomatoes, Virus diseases (plants). English abstract

19842-68 EFFECT OF DIFFERENT DATES OF SOWING OF GROUNDNUT ON THE DEVELOPMENT AND INTENSITY OF LEAF-SPOT DISEASE BY CERCOSPORA SPP.

V R Nath L G Kulkarni

Indian J Agr Sci 37(5):362-368 REF

Oct 1967 22 AG831

Cercospora arachidicola, Fungus diseases (plants), Leaf spot (peanuts), Peanuts, Planting date.

19843-68 SAP TRANSMISSION OF SANDAL SPIKE.

R M Nayar

Indian J Exp Biol 5(3):195-196

Jul 1967 442.8 IN2

Hyacinth dolichos, Plant diseases, Plant translocation, Santalum, Sap, Spike (santalum). English abstract

19844-68 DISEASE DEVELOPMENT IN CULTURED CELLS OF NICOTIANA TABACUM L. VAR. SAMSUN NN INJECTED WITH TOBACCO MOSAIC VIRUS.

R C Nims R S Halliwell D W Rosberg

Cytologia 32(2):224-235 REF

Sep 1967 44.8 C99

Cytopathology, Mosaic (tobacco), Plant diseases, Tissue culture, Tobacco, Virus diseases (plants). English abstract

19845-68 INVESTIGATION ON THE HARMFULNESS OF THE RING PATTERN MOSAIC OF PEAR.

K Paulechova-Kralikova

Biologia (bratislava) 22(6):414-421 REF

1967 442.8 B5265

Pears, Phytopathology, Virus diseases (plants). English, russian and czechoslovakian abstracts

19846-68 COMPLEMENTARY TEMPERATURE-LABILE GENES FOR GROWTH INHIBITION AND DWARFING IN FLAX.

A G Plessers

Can J Plant Sci 47(4):427-430

Jul 1967 450 C16

Dwarf disease (flax), Flax, Plant genetics, Plant growth inhibitors, Temperature.

Abstract: Growth inhibition and dwarfing occurred when F(1) seedlings of strains F.H. 50 and F.H. 117 of Ottawa Flax Collection were grown at temperatures below 17 C. Prolonged exposures to these temperatures produced partial or complete lethality. Two complementary genes were postulated to explain the inheritance of this reaction.

19847-68 PUCCINIA HORIANA.

E Punithalingam

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 18(171-180):176

1968 462.7 C73

Chemical control (plant diseases), Chrysanthemum, Plant geography, Puccinia, Uredinales.

Description of a fungal pathogen of chrysanthemum, its geographical distribution and etiology.

19848-68 PUCCINIA CHRYSANTHEMI.

E Punithalingam

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 18(171-180):175

1968 462.7 C73

Chemical control (plant diseases), Chrysanthemum, Fungus diseases (plants), Plant geography, Puccinia, Uredinales.

Description of a fungal pathogen of chrysanthemum, its geographical distribution and etiology.

19849-68 UROMYCES DIANTHI.

E Punithalingam

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 18(171-180):180

1968 462.7 C73

Chemical control (plant diseases), Dianthus caryophyllus, Fungus diseases (plants), Plant geography, Uredinales, Uromyces.

Description of a fungal pathogen of carnation, its geographical distribution and etiology.

19850-68 UROMYCES DECORATUS.

E Punithalingam

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 18(171-180):179

1968 462.7 C73

Fungus diseases (plants), Hemp, Plant geography, Uredinales, Uromyces.

Description of a fungal pathogen of hemp, its geographical distribution and etiology.

19851-68 UROMYCES CICERIS-ARIETINI.

E Punithalingam

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 18(171-180):178

1968 462.7 C73

Air-borne plant diseases, Chickpeas, Fungus diseases (plants), Plant geography, Plant pest resistance, Uredinales, Uromyces.

Description of a fungal pathogen of chickpeas, its geographical distribution and etiology.

19852-68 METEOROLOGICAL FACTORS ASSOCIATED WITH THE ERGOT EPIDEMIC OF BAJRA (PENNISSETUM) IN INDIA DURING THE KHARIF SEASON, 1967-A PRELIMINARY STUDY.

C Ramaswamy

Cur Sci 37(12):331-335

20 Jun 1968 475 SC123

Claviceps purpurea, Fungus diseases (plants), Plant disease transmission, Plant diseases, Weather.

19853-68 REASON FOR THE LOW CONTENT OF TOBACCO MOSAIC VIRUS IN TOBACCO TISSUE CULTURES. (FR)

A Sampath A Lutz L Hirth

CROP PRODUCTION

19854-68

Soc Franc Physiol Veg Bull 12(4):273-283

Dec 1966 451 SO193

Mosaic (tobacco), Plant physiology, Tissue culture, Tobacco, Virus diseases (plants). French and english abstract

19854-68

A NEW TECHNIQUE ALLOWING THE STUDY AND COMPARISON OF THE REACTIONS OF NICOTIANAE IN THE PRESENCE OF THIELAVIOPSIS BASICOLA (B. AND B.) FER-
RARIS. (FR)
P Schiltz R Geneve

Acad Sci Compt Rend Ser D Sci Nat 267(4):424-426

22 Jul 1968 505 P21

Fungus diseases (plants), Plant disease resistance, Plant diseases, Plant genetics, Plant physiology, Thielaviopsis, Tobacco. French abstract

19855-68

A COMPARATIVE STUDY OF SOME PLANT PATHOGENIC PSEUDOMONADS.

D A Shackleton

New Zealand J Sci 11(2):236-248 REF

Jun 1968 514 N482

Bacterial diseases (plants), Fruit trees, Plant diseases, Pseudomonas, Surveys, Vegetables. English abstract

19856-68

STUDIES ON COLLAR AND BRANCH CANKER OF YOUNG TEA (PHOMOPSIS THEAE PETCH), II—INFLUENCE OF SOIL MOISTURE ON THE DISEASE.

N Shanmuganathan W R F Rodrigo

Ceylon Tea Res Inst Tea Quart 38(4):320-330 REF

Dec 1967 68.18 C33

Fungus diseases (plants), Phomopsis, Plant ecology, Soil moisture, Tea. English abstract

19857-68

THIELAVIOPSIS BASICOLA.

C V Subramanian

Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 17(161-170):170

1968 462.7 C73

Fungus diseases (plants), Leguminosae, Plant disease resistance, Plant geography, Rot, Soil-borne plant diseases, Tobacco.

Description of a fungal pathogen of tobacco and Leguminosae, its geographical distribution and etiology.

19858-68

PHOSPHORUS DISTURBANCES ASSOCIATED WITH POTATO LEAFROLL VIRUS INFECTION.

M Ulrychova J Limberk

Biol Plant 10(4):311-317

1968 450 B52

Leaf roll (potatoes), Phosphorus, Plant metabolism, Potatoes, Virus diseases (plants). English, russian and czech abstracts

19859-68

A NOTE ON SCREENING RICE VARIETIES FOR RESISTANCE TO BLAST DISEASE CAUSED BY PYRICULARIA ORYZAE CAV.

J Vecraraghavan

Indian J Agr Sci 37(5):410-412

Oct 1967 22 AG831

Blast (rice), Plant disease resistance, Rice. English abstract

19860-68

UTILIZATION OF SEROLOGY IN THE STUDY OF CERTAIN VIRUS DISEASES IN FRUIT TREES. (FR)

A Vuittenez

Soc Franc Physiol Veg Bull 12(4):355-375 REF

Dec 1966 451 SO193

Plant physiology, Ring spot (fruit), Ring spot (grapes), Ring spot (plums), Serological tests, Virus diseases (plants). French abstract

BIBLIOGRAPHY

19861-68

EPIDEMIOLOGY AND CONTROL OF ASCOCHYTA PINODES ON FIELD PEAS IN CANADA.

V R Wallen T F Cuddy P N Grainger

Can J Plant Sci 47(4):395-403

Jul 1967 450 C16

Ascochyta pinodes, Blight (peas), Epidemiology, Fungus diseases (plants), Microorganisms, Mycosphaerella pinodes, Peas, Temperature.

Abstract

19862-68

CHROMOSOMAL ABERRATIONS INDUCED BY PESTICIDES IN MEIOTIC CELLS OF BARLEY.

K D Wuu W F Grant

Cytologia 32(1):31-41

25 Mar 1967 44.8 C99

Barley, Chromosomes, Meiosis, Pesticides, Plant abnormalities, Plant genetics. English abstract

ARTHROPODS

19863-68

YIELD LOSSES DUE TO PESTS AND DISEASES IN RICE CROP. RESULTS OF ICAR SAMPLE SURVEY.

T P Abraham R C Khanna R K Khosla

Indian Farming 18(3):24-26

Jun 1968 22 IN283

Crop losses, Gall-making insects, Helminthosporium oryzae, Insect pests, Piricularia oryzae, Rice, Surveys.

19864-68

WHITE-FRINGED WEEVIL.

Anonymous

New Zeal J Agr 11(1):95

Jul 1968 23 N48J

Aldrin, Curculionidae, Insecticide residues, Insecticide resistant insects, Larvae.

This is a discussion of the difficulties of controlling a New Zealand crop and pasture pest, the white-fringed weevil, with insecticides

19865-68

NOTE ON DAMAGE TO GRASSES IN THE PEACE RIVER REGION BY THE SPITTLEBUG, PHILARONIA BILINEATA SAY, (CERCOPIDAE: HEMIPTERA).

D A Arnott I Bergis

Entomol Soc British Columbia J 64:8-9

01 Aug 1967 420 B77 (2)

Cercopidae, Chemical control (insects), DDT, Grasses, Hemiptera, Insect vectors, Toxicology. English abstract

19866-68

THRIPS INFESTING THE TIPS OF ASPARAGUS SPEARS.

F L Banham

65(0):16-18

01 Aug 1968

Asparagus, Food contamination, Food plants, Thrips tabaci, Thysanoptera, Weed control. English abstract

19867-68

LARGE SCALE FIELD TESTS OF LOW VOLUME SPRAYS (LV) IN CALIFORNIA MOSQUITO CONTROL DURING 1967.

W E Burgoyne

Utah Mosquito Abatement Ass Proc 1967 MEETING:19

Oct 1967 420 UT1

Aedes, Aerial spraying, Agricultural outlook, Chemical control (insects), Culex, Culicidae, Rice. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.

19868-68

AGRICULTURAL ENTOMOLOGY IN THE LEBANON.

C A Collingwood

Pans (pest Articles News Sum) Sect A Insect Contr 13(3):262-269

Aug 1967 423.92 G798

Agricultural research, Crops, Economic entomology, Insect migration, Insect pests, Pest control, Pesticides.

19869-68

MELOIDOGYNE COFFEICOLA DESTRUCTIVE AND INSIDIOUS NEMATODE OF THE COFFEE TREE. (POR)

S M Curi

Biologico 34(6):144

Jun 1968 442.8 B529

Coffee, Meloidogynae, Plant nematodes, Roots. English abstract

19870-68

PECTIC ENZYME PRODUCTION AND MORPHOGENESIS IN HELMINTHOSPORIUM ATYPICUM.

K S Deshpande K B Deshpande

Biol Plant 10(4):245-250

1968 450 B52

Fungus diseases (plants), Helminthosporium, Plant biochemistry, Plant morphology, Plant physiology, Protopectinases. English, russian and czech abstracts

19871-68

NOTE ON A SPRUCE BARK WEEVIL, PISODES ALASCENSIS HOPKINS (COLEOPTERA: CURCULIONIDAE), IN BRITISH COLUMBIA.

D F Doidge

Entomol Soc British Columbia J 64:63-66 MAP

01 Aug 1967 420 B77 (2)

Climate, Coleoptera, Insect biology, Picea, Pisodes alascensis, Zoogeography. English abstract

The life cycle of *Dissodes alascensis* at different elevations ranges from one to two years.

19872-68

PETROLEUM OILS IN ORCHARD MITE CONTROL.

R S Downing

Entomol Soc British Columbia J 64:10-13 REF

01 Aug 1967 420 B77 (2)

Chemical control (insects), Panonychus ulmi, Pesticide residues, Petroleum, Spraying, Tetranychus, Trees.

19873-68

CONTROL OF GRASSGRUB AND PORINA.

P G Fenemore

New Zeal J Agr Res 114(5):59-61

May 1967 23 N4892

Chemical control (insects), Chlorinated hydrocarbons, Costelytra zealandica, DDT, Lepidoptera, Lindane, New Zealand, Organophosphorus compounds, Pastures.

Chemical control recommendations and precautions for controlling grassgrubs and porina caterpillars is discussed.

19874-68

THE TOXICOLOGY OF PESTICIDES.

A C Frazer

Pans (pest Articles News Sum) Sect A Insect Contr 13(3):247-253

Aug 1967 423.92 G798

Chemical control (pests), Pest control, Pesticides, Research, Toxicology.

19875-68

LOW VOLUME TRIALS IN KINGS MOSQUITO ABATEMENT DISTRICT.

R F Frolie E O Lewis G Martinez

Utah Mosquito Abatement Ass Proc 1967 MEETING:20

Oct 1967 420 UT1

Aedes nigromaculis, Aerial spraying, Chemical control (insects), Crop yields, Culex tarsalis, Larvicides, Research. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.

- 19876-68**
EXPERIENCES WITH AERIAL DUSTING IN THE KERN M. A. D. 1967.
A F Geib R H DeWitt
Utah Mosquito Abatement Ass Proc 1967 MEETING:14-15
Oct 1967 420 UT1
Aerial dusting, Chemical control (insects), Culex tarsalis, Larvicides, Research, Water. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.
- 19877-68**
THE EUROPEAN PINE SHOOT MOTH, RHACONIA BUOLIANA (LEPIDOPTERA: OLETHREUTIDAE), ANOTHER INTRODUCED FOREST PEST.
J W E Harris R O Wood
Entomol Soc British Columbia J 64:14-17
01 Aug 1967 420 B77 (2)
Olethreutidae, Plant disease forecasting, Rhaconia buoliana, Seed planting, Trees, Zoogeography. English abstract
- 19878-68**
CONE INSECTS OF GRAND FIR, ABIES GRANDIS (DOUGLAS) LINDLEY, IN BRITISH COLUMBIA.
A F Hedlin
Entomol Soc British Columbia J 64:40-44
01 Aug 1967 420 B77 (2)
Abies grandis, Cones, Forest insects, Insect biology, Insect pests, Seeds. English abstract
- 19879-68**
EFFECT OF LEAFHOPPER INFESTATION ON THE METABOLISM OF CARBOHYDRATE AND NITROGEN IN CASTOR VARIETIES IN RELATION TO THEIR RESISTANCE TO EMPOASCA FLAVESCENS (F.) (HOMOPTERA, JASSIDAE).
S Jayaraj
Indian J Exp Biol 5(3):156-162 REF
Jul 1967 442.8 IN2
Carbohydrates, Castorbeans, Cicadellidae, Empoasca, Homoptera, Nitrogen, Plant metabolism. English abstract
- 19880-68**
STUDIES ON THE PLANT CHARACTERS OF CASTOR ASSOCIATED WITH RESISTANCE TO EMPOASCA FLAVESCENS (FABR.) (HOMOPTERA: JASSIDAE) WITH REFERENCE TO SELECTION AND BREEDING OF VARIETIES.
S Jayaraj
Indian J Agr Sci 38(1):1-16 REF
Feb 1968 22 AG831
Castorbeans, Cicadellidae, Empoasca flavescens, Insect pests, Insect vectors, Plant breeding, Plant pest resistance. English abstract
- 19881-68**
POTATO PRODUCTION USING RESISTANT VARIETIES ON LAND INFESTED WITH POTATO CYST-EELWORM, HETERODERA ROSTOCHIENSIS WOLL.
F G W Jones D M Parrott
Outlook Agr 5(5):215-222 MAP REF
1968 10 OU8
Demography, Heterodera rostochiensis, Plant nematode resistance, Potatoes, Zoogeography.
- 19882-68**
BIOLOGICAL STUDIES ON PARACHEYLETIA BAKERI (ACARINA: CHEYLETIDAE).
R F Kanavel A G Selhime
Fla Entomol 50(2):107-113
Jun 1967 420 F662
Acarina, Aonidiella citrina, Biological control (insects), Insect biology, Predaceous insects, Tetranychidae.
- 19883-68**
HISTOGENESIS OF CALLUS FROM STEM GALL OF SALVADORA PERSICA L. INDUCED BY THOMASINIANA SALVADORAE RAO IN TISSUE CULTURE.
U Kant H C Arya
Indian J Exp Biol 5(3):131-134
Jul 1967 442.8 IN2
Callus (plants), Cecidomyiidae, Plant galls, Plant histology, Plant physiology, Tissue culture. English abstract
- 19884-68**
INVESTIGATION OF THE PROTECTIVE EFFECT OF OILS ON VIRUS TRANSMISSION THROUGH PLANT APHIDS. (GE)
G Kulps
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(4):213-217 REF
1968 464.8 Z3
Insect vectors, Myzus persicae, Plant disease resistance, Plant disease transmission, Plant pest control, Sugar beets, Virus diseases (plants). German and English abstracts
- 19885-68**
THE USE OF DURSABAN IN LOW VOLUME SPRAYS IN CALIFORNIA MOSQUITO CONTROL DURING 1967.
H W Lembright
Utah Mosquito Abatement Ass Proc 1967 MEETING:20
Oct 1967 420 UT1
Aedes, Chemical control (insects), Crop yields, Culex, Diethyl 03,5,6-trichloro-2-pyridyl phosphorothioate, 0,0-, Spraying. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.
- 19886-68**
CONSUMPTION BY SEVERAL COMMON ARTHROPOD PREDATORS OF EGGS AND LARVAE OF TWO HELIOTHIS SPECIES THAT ATTACK COTTON.
P D Lingren R L Ridgway S L Jones
Entomol Soc Amer Ann 61(3):613-618
May 1968 420 EN82
Arthropoda, Chrysopa carnea, Cotton, Eggs, Geocoris punctipes, Heliothis virescens, Heliothis zea, Laboratories, Larvae, Population statistics, Predaceous insects.
- 19887-68**
THE PROBLEM OF RATIONALITY CONTROLLING THE LEAF CUTTER ANTS. (GE)
H Lowenthal
Z Angew Zool 54(1):75-84 REF
1967 449.8 Z36
Atta, Chemical control (insects), Formicidae, Insect behavior, Insect morphology. English abstract
- 19888-68**
INTEGRATED CONTROL OF THE FRUIT-TREE LEAF ROLLER, ARCHIPS ARGYROSPILUS (WALKER), AND THE EYE-SPOTTED BUD MOTH, SPILONOTA OCELLANA (DENIS AND SCHIFFERMULLER).
H F Madsen R S Downing
65(0):19-21
01 Aug 1968
Apples, Azinphosmethyl, Integrated control (insects), Phytoseiidae, Spilonota ocellana, Spraying, Tortricidae. English abstract
- 19889-68**
THE PERFORMANCE, PHYTOTOXICITY AND PERSISTENCE OF THREE PETROLEUM OILS FOR CONTROL OF THE PEAR PYSLLA.
H F Madsen K Williams
Entomol Soc British Columbia J 64:3-8
01 Aug 1967 420 B77 (2)
Chemical control (insects), Homoptera, Pears, Petroleum, Phytopathology, Psylla pyricola, Toxicology. English abstract
- 19890-68**
DISTRIBUTION AND HOSTS OF SOME HORN-TAILS (SIRICIDAE) IN BRITISH COLUMBIA.
E V Morris
Entomol Soc British Columbia J 64:60-63 MAP
01 Aug 1967 420 B77 (2)
Forest insects, Hymenoptera, Siricidae, Zoogeography. English abstract
- 19891-68**
PHENOLOGICAL OBSERVATIONS FOR THE BENEFIT OF GALL MIDGE INVESTIGATIONS. (DA)
W Nijveldt
Entomol Ber 27(11):208-209
01 Nov 1967 420 N38B
Cecidomyiidae, Diptera, Gall-making insects, Plant galls. English abstract
- 19892-68**
OBSERVATIONS ON THE ACTIVITY OF SPIDERS AND THE EFFECT OF INSECTICIDES ON THEIR POPULATIONS IN THE CITRUS GROVES AROUND HAGI CITY, HONSHU, JAPAN. (JA)
K Nohara K Yasumatsu
Kyushu Univ Fac Agr Sci Bull 23(3):151-167 REF
Mar 1968 107.6 K995B
Catalogs, Chemical control (insects), Citrus, Demography, Insecticidal aerosols, Spiders. English abstract
- 19893-68**
ATTEMPT TO CONTROL THE ADUNCUS MITE --TETRANYCHUS ADUNCUS FLECHTM. AND BAKER, 1967 (ACARINA:TETRANYCHIDAE) NEW PEST OF THE PEACH TREE. (POR)
A Orlando O Rigitano A S Sampaio M Ojima
Biologico 34(6):129-134
Jun 1968 442.8 B529
Chemical control (insects), Chlorobenzilate, Dicofof, Peaches, Plant pest control, Tetrarifon, Tetranychus. English abstract
- 19894-68**
STUDY ON THE USE OF PHOSPHINE TO COMBAT THE WHITE LOUSE OF THE POTATO--PSEUDOCOCCUS MARITIMUS (EHRH). (POR)
A Orlando O J Boock D Puzzi
Biologica 34(8):179-181
Aug 1968 442.8 B529
Chemical control (insects), Coccidae, Phosphine, Potatoes, Pseudococcus maritimus.
- 19895-68**
POLLINATION OF LUCERNE STILL A PROBLEM.
T Palmer-Jones
New Zeal J Agr 114(3):82-83
Mar 1967 23 N48J
Alfalfa, Bees, Fertilization (plants), Insect pollinators, Seed viability.
Pollination of alfalfa for seed crop was difficult because of the low density of the bumble bee--its most efficient pollinator.
- 19896-68**
STUDIES ON BUTOZANIA BULGARICA MINK. (RUS)
P As Popov
Rastenievud Nauk 05(7):75-83
1968 64.8 R18
Barley, Hibernation, Insect biology, Scarabacidae, Wheat. Russian and English abstract
- 19897-68**
STUDIES ON TIMING FOR CONTROL OF THE CITRUS RUST MITE, PHYLLOCOPTURA OLEIVORA (ASHM) IN THE STATE OF SAO PAULO. (POR)
D Puzzi T Veinert
Biologico 34(1):3-7
Jan 1968 442.8 B529
Citrus, Insect control, Mites, Phyllocoptruta oleivora, Plant diseases.
- 19898-68**
INSECTICIDES AND PEST CONTROL.
J Quinn
New Zeal J Agr 117(3):74-75
Sep 1968 23 N48J
Costelytra zealandica, DDT, Insect control, Insecticide application, Insecticide residues, Insecticides,

Pastures.

A new insecticide and various residue and application problems were presented at a recent meeting for weed and pest control.

1989-68

SCIENCE PROBING DEEP AND WIDE TO COMBAT MENACE OF GRASSGRUB.

J Quinn

New Zeal J Agr 117(3):17-21

Sep 1968 23 N48J

Biological control (insects), Chemical control (insects), *Costelytra zealandica*, Insect ecology, Insecticides, Integrated control (insects), Pastures, Scarabaeidae.

A description is given of research efforts to control the grass grub, New Zealand's major pasture pest.

1990-68

CONTARINIA KANERVOI BARNES (DIPT., ITONIDIDAE), BIONOMICS, DAMAGE AND CONTROL.

M Raatikainen O E Savas A Tinnila

Ann Agr Fenn 06(4):145-158 MAPS REF

1967 20 AN7

Chemical control (insects), Contarinia, Insect biology, Phlegm, Seed-borne plant diseases. English and Finnish abstracts

1990-68

YET ANOTHER APHID TO RAVAGE OUR GRAIN CROPS.

S G Rajasingh

Indian Farming 18(3):20-21

Jun 1968 22 IN283

Aphididae, Benzene hexachloride, Chemical control (pests), Endrin, Grain, *Hysteroneura setariae*.

1990-68

EFFECT OF EARLY SOWING OF SUNNHEMP ON THE INCIDENCE OF ITS INSECT PESTS.

S Ram

Indian J Agr Sci 38(1):236-237

Feb 1968 22 AG831

Crop yields, Cultural control (insects), Fibers, Insect pests, Lepidoptera, *Sunn crotalaria*.

1990-68

THE FIRST DISCOVERY OF FREE-LIVING LARVAE OF THE EAR TICK, OTOBIOUS MEGNINI (DUGES), IN BRITISH COLUMBIA.

G B Rich J D Gregson

65(0):22-23

01 Aug 1968

Dermacentor, Dogs, Habitats, Insect ecology, Larvae, *Otobius megnini*, Wildlife. English abstract

1990-68

PROTECTING LARCH LOGS FROM TETROPIUM VELUTINUM LECONTE WITH LINDANE EMULSION.

D A Ross N J Geistlinger

65(0):14-15

01 Aug 1968

Chemical control (insects), Forest insects, *Larix occidentalis*, Lindane, Logs, Lumber preservation, Wood borers. English abstract

1990-68

WOOD- AND BARK-FEEDING COLEOPTERA OF FELLED WESTERN LARCH IN BRITISH COLUMBIA.

D A Ross

Entomol Soc British Columbia J 64:23-24

01 Aug 1967 420 B77 (2)

Coleoptera, Forest insects, Insect biology, *Larix occidentalis*, Scolytidae, *Tetropium velutinum*, Wood borers. English abstract

1990-68

THE WESTERN LARCH BORER, TETROPIUM VELUTINUM LECONTE, IN INTERIOR BRITISH COLUMBIA.

D A Ross

Entomol Soc British Columbia J 64:25-28

01 Aug 1967 420 B77 (2)

Insect biology, *Larix occidentalis*, *Tetropium velutinum*, Tree diseases, Wood borers. English abstract

The nature of log damage relative to the life cycle of *Tetropium velutinum* is discussed.

1990-68

AN EVALUATION OF METHODS FOR PREVENTING TERMITE DAMAGE TO BUILDINGS.

R Sperling

Pans (pest Articles News Sum) Sect A Insect Contr 13(3):270-283

Aug 1967 423.92 G798

Agricultural outlook, Breeding, Fibers, Fumigation, Insect control, Insecticides, Poisoning, Soil analysis, Termites, Timber management.

1990-68

ANNOTATED LIST OF FOREST INSECTS OF BRITISH COLUMBIA. XIV. ENNOMINAE (GEOMETRIDAE).

B A Sugden

65(0):24-33

01 Aug 1968

Catalogs, Forest insects, Geometridae, Host relationships, Insect taxonomy, Zoogeography. English abstract

1990-68

DISTRIBUTION AND ABUNDANCE OF SITONA HISPIDULA (F.) AND THE EFFECT OF INSECT INJURY ON ROOT DECAY OF RED CLOVER IN THE MARITIME PROVINCES.

L S Thompson C B Willis

Can J Plant Sci 47(4):435-440 REF

Jul 1967 450 C16

Insect pests, Plant pest resistance, Root rot (red clover), *Sitona hispidula*.

1990-68

EFFECTIVENESS OF THE SYSTEMIC INSECTICIDE OXYDEMETONMETHYL APPLIED IN LIQUID FERTILIZER FOR GREEN PEACH APHID CONTROL ON CHRYSANTHEMUM.

N V Tonks

Can J Plant Sci 48(3):332-334

May 1968 450 C16

Aphidae, Chemical control (insects), *Chrysanthemum*, Insecticide application, Insecticides, Oxydemetonmethyl.

1991-68

SYSTEMIC PHOSPHOROUS INSECTICIDES. A NEW METHOD TO STUDY THE UPTAKE AND TRANSLOCATION IN PLANTS. (GE)

G Voss

Z Angew Zool 54(1):133-138

1967 449.8 Z36

Biological transport, Chemical control (insects), Cholinesterases, Insecticides, Organophosphorus compounds, Plant pest control, Plant physiology. German and English abstract

1991-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967. LINCOLN, NEW ZEALAND. DIASPIDIDAE ON COMMERCIAL GROWN ORCHIDS IN NEW ZEALAND.

A W. d

New Zeal Entomol 4(1):50

Mar 1968 421 N48

Diaspididae, Orchidaceae.

1991-68

EPIDEMIOLOGY OF APHID-TRANSMITTED PLANT-VIRUS DISEASES.

M A Watson

Outlook Agr 5(4):155-166 REF

1967 10 OU8

Aphididae, Epidemiology, Insect behavior, Insect migration, Insect vectors, Reproduction, Virus diseases (plants), Weather.

1991-68

WHAT LOW VOLUME LARVICIDING MEANS TO AN OPERATIONAL MOSQUITO CONTROL AGENCY WHERE ECONOMY IS ESSENTIAL.

K G Whitesell

Utah Mosquito Abatement Ass Proc 1967 MEETING:19

Oct 1967 420 UT1

Agricultural outlook, Anopheles, Crop yields, *Culex tarsalis*, Larvicides, Research, Rice, Spraying. Proceedings of 20th Annual Meeting of Utah Mosquito abatement ass.

1991-68

THE MARSH CRANE FLY, TIPULA PALUDOSA MG., A NEW PEST IN BRITISH COLUMBIA (DIPTERA: TIPULIDAE).

A T S Wilkinson H R MacCarthy

Entomol Soc British Columbia J 64:29-34 REF

01 Aug 1967 420 B77 (2)

Chemical control (insects), Cultural control (insects), Demography, Diptera, Insect biology, Natural control (insects), Plant diseases, Tipulidae. English abstract

1991-68

SOME PHYSICAL AND CHEMICAL FACTORS OF TREE ROT HOLES.

F M Williams J H Linam

Utah Mosquito Abatement Ass Proc 1967 MEETING:26-28

Oct 1967 420 UT1

Aedes hendersoni, Chemicals, Correlation, Environment, Physiology, Tree diseases, Trees, Water. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.

1991-68

FIRST OCCURRENCE OF BALSAM WOOLLY APHID IN THE INTERIOR OF BRITISH COLUMBIA.

R O Wood

65(0):13-14

01 Aug 1968

Abies alba, *Abies concolor*, Aphididae, Chermes piceae, Forest insects, Forest surveys, Sanitation control (insects). English abstract

NEMATODES

1991-68

RED RING DISEASE OF THE COCONUT PALM, INOCULATION STUDIES AND HISTOPATHOLOGY.

G P Blair H M Darling

Nematologica 14(3):395-403 REF

1968 436.8 N342

Coconuts, Plant diseases, Plant nematodes, Red ring (coconuts), Roystonea. German and English abstract

1991-68

STEROL COMPOSITION OF THE NEMATODES DITYLENCHUS TRIFORMIS AND DITYLENCHUS DIPSAZI, AND HOST TISSUES.

R J Cole L R Krusberg

Exp Parasitol 21(2):232-239 REF

Oct 1967 436.8 EX7

Chromatography, *Ditylenchus*, Histochemistry, Nematodes, Parasitism, Plant nematodes, Sterols. English abstract

1992-68

PRESENT SITUATION CONCERNING THE ATTACK BY THE NEMATODE, MELOIDOGYNE COFFEICOLA ON SAO PAULAS COFFEE CULTURE AND MEANS FOR ITS CONTROL. (POR)

S M Curi

Biologico 34(1):20-21

Jan 1968 442.8 B529

Coffee, Meloidogyne, Nematodes, Pest control, Plant pest resistance, Zoogeography.

19921-68
PATHOGENICITY AND DEVELOPMENT OF
ROOT-KNOT NEMATODES ON AMPALAYA.

R G Davide
Philippine Agr 50(8):795-803
 Jan 1967 25 P542

Meloidogyne incognita, Melons, Momordica charantia, Phytopathology, Plant nematodes.

19922-68
ACTIVITY OF DEHYDROGENASES IN TOMATO ROOT-KNOTS INFECTED WITH THE ROOT-KNOT NEMATODE.

S Kannan
Indian J Exp Biol 5(4):266
 Oct 1967 442.8 IN2

Dehydrogenases, Meloidogyne incognita, Plant biochemistry, Plant nematodes, Root knot, Tomatoes. English abstract

19923-68
INFLUENCE OF DIFFERENT WATER SUPPLIES ON GROWTH AND DRYMATTER PRODUCTION OF NEMATODE INFECTED POTATO PLANTS, AS WELL AS ON THE POPULATION OF THE PARASITE. (GE)

G Meinel H Stelter
Biol Zentralbl 86(6):723-734 REF
 Nov 1967 442.8 B523

Ecology, Heterodera rostochiensis, Plant physiology, Population statistics, Potatoes, Soil moisture. German and english abstract

19924-68
A NEMATOCIDAL TRIAL AGAINST ROOT KNOT DISEASE OF TOMATO.

R N Singh
Trop Agr & peradeniya 72(3-4):167-168
 Jul 1966 26 T751

Chemical control (nematodes), Nematocides, Plant diseases, Plant nematodes, Root knot (tomatoes), Root rot, Tomatoes.

19925-68
ELECTRON MICROSCOPICAL STUDIES ON DITYLENCHUS DIPSACI II. OESOPHAGUS.

P H Yuen
Nematologica 14(3):385-394
 1968 436.8 N342

Animal anatomy, Animal histology, Classification, Ditylenchus, Electron microscopy, Esophagus, Nematodes. German and english abstract

WEEDS

19926-68
CYTOLOGICAL EFFECTS OF PESTICIDES. II. MEIOTIC EFFECTS OF SOME PHENOLS.

S M Amer E M Ali
Cytologia 33(1):21-33 REF
 Mar 1968 44.8 C99

Broadbeans, Cytology, Meiosis, Pesticides, Phenols, Plant abnormalities, Plant genetics. English abstract

19927-68
FIELD ASSAYS OF FUNGICIDES ON SMALL POTATOES. (POR)

C A Campacci L O C Rezende Y Ino
Biologico 33(4):74-79
 Apr 1967 442.8 B529

Alternaria solani, Biological assay, Fungicides, Phytophthora infestans, Plant diseases, Potatoes. Portuguese and english abstract

19928-68
WEED CONTROL WITH PARAQUAT IN PLANTATION CROPS.

I E Darter
Outlook Agr 5(5):208-214 REF
 1968 10 OU8

Chemical control (weeds), Field crops, Orchards, Paraquat, Perennial plants, Plantations, Weed control.

19929-68
RESPONSE OF CONIFER SEEDLINGS AND WEEDS TO SEEDBED FUMIGANTS.

R Grover
Can J Plant Sci 48(2):189-196
 Mar 1968 450 C16

Chemical control (weeds), Fumigants, Herbicides, Picea, Pinus, Seedlings, Soil fumigation. English abstract

19930-68
WEED CONTROL AND PUBLIC POLICY.

G W Irving
Nat Agr Chem Ass News Pesticide Rev 25(5):3-6
 Jun 1967 421 AG8

Agricultural legislation, Food supply, Herbicides, Public health, Weed control.

19931-68
CONTROL OF GRASSES IN MANOBI GROVES WITH MIXTURES OF TRIFLURALIN AND DIURON IN THREE REGIONS OF SAO PAULO STATE. (POR)

L Leiderman C A Lobato dos Santos
Biologico 33(10):227-232
 Oct 1967 442.8 B529

Chemical control (weeds), Diuron, Peanuts, Trifluralin, Weed control. Portuguese and english abstract

19932-68
PRE-EMERGENCE CHEMICAL CONTROL OF MATTRESS HAY ON COFFEE PLANTATIONS. (POR)

L Leiderman M Kramer R Gregori K Nagai
Biologico 33(3):51-56
 Mar 1967 442.8 B529

Chemical control (weeds), Coffee, D, 2,4-, Digitaria, Diuron, Herbicides, Linuron, Simazine, Weed control. Portuguese and english abstract

19933-68
TURF HERBICIDE RX: ADD OIL.

F H McCowan
Agr Chem 23(4):18-21
 Apr 1968 381 AG8

Grasses, Herbicides, Oils, Turf, Weed control.

19934-68
TALL FESCUE CAN BE CONTROLLED.

J R Oliver
New Zeal J Agr 116(6):46-47,49
 Jun 1968 23 N48J

Chemical control (weeds), Festuca elatior, Herbicides, Paraquat, Poisonous plants.

19935-68
SHEEP CONTROL RING FERN ON STEEP COUNTRY.

A Whatman
New Zeal J Agr Res 114(5):20-21
 May 1967 23 N4892

Cultural control (weeds), Pastures, Pteridophyta, Ranges, Sheep.

Sheep have been used to control the paddock plant pest, Pteridophyta.

OTHER PESTS

19936-68
COUMAPHOS AS A BIRD REPELLENT IN GRAIN PLOTS.

H M Austenson
Can J Plant Sci 48(3):349
 May 1968 450 C16

Bird pests, Coumaphos, Grain, Pest control.

19937-68
USE OF INSECTICIDES IN WOOD PROTECTION. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

H Gabler
191-201
 1965

Chemical control (pests), Insecticides, Lumber preservation.

19938-68
CONTROL OF BIRD DAMAGE IN TOMATOES IN BARBADOS.

V A L Sargeant W deC Jeffers
Caribbean Food Crops Soc Proc 4:137-140
 25 Jul 1966 64.9 C19

Barbados, Birds, Plant injuries, Plant pest control, Tomatoes. English abstract

LIVESTOCK PROTECTION

19939-68
A BIBLIOGRAPHICAL GUIDE TO THE ANIMAL PARASITES AND ARTHROPOD PESTS OF CEYLON.

M A P Senadhira
Ceylon J Sci Biol Sci 06(2):39-216
 Feb 1967 475 C33

Bibliography, Economic entomology, Medical entomology, Parasitology.

19940-68
EFFECTIVE ANTIBIOTIC SUBSTANCES OF TULIPS (TULIPA GESNERIANA). (GE)

R Tschesche F J Kammerer G Wulff F Schonbeck
Tetrahedron Lett 6:701-706
 Feb 1968 385 T29
 Antibiotics, Fungicides, Methylene butyrolactone, alpha-, Tulipa.

DISEASES

19941-68
A SURVEY OF RINGWORM IN DOGS AND CATS.

Y Al-Doory T E Vice F Olin
Amer Vet Med Ass J 153(4):429-432
 15 Aug 1968 41.8 AM3
 Cats, Dogs, Livestock diseases, Ringworm. English abstract

19942-68
HISTIDINE AND AROMATIC PERMEASES OF SALMONELLA TYPHIMURIM.

G F Ames J R Roth
J Bacteriol 96(5):1742-1749 REF
 Nov 1968 448.3 J82

Bacteriophages, Enzymes, Genetics, Histidine, Mutation, Salmonella typhimurium. English abstract

19943-68
PATHOLOGIC PHYSIOLOGY AND CHEMOTHERAPY OF PLASMODIUM BERGHEI. I. SUPPRESSION OF PARASITEMIA BY SULFONES AND SULFONAMIDES IN MICE.

D M Aviado
Exp Parasitol 20(1):88-97 REF
 Feb 1967 436.8 EX7

Animal physiology, Drug therapy, Mice, Parasitism, Plasmodium, Rodents, Sulfonamides. English abstract

19944-68
GROWTH, MORPHOGENESIS, AND VIRULENCE OF CANDIDA ALBICANS AFTER ORAL INOCULATION IN THE GERM-FREE AND CONVENTIONAL CHICK.

E Balish A W Phillips
J Bacteriol 91(5):1736-1743 REF
 May 1966 448.3 J82

Candida albicans, Chicks, Diet, Fungi, Gastrointestinal system, Germ-free life, Immunization, Livestock diseases, Moniliasis. English abstract

19945-68
RADIATION-SENSITIVE AND RADIATION-RESISTANT MUTANTS OF HAEMOPHILUS INFLUENZAE.

LIVESTOCK PROTECTION

19946-68

B J Barnhart S H Cox

J Bacteriol 96(1):280-282

Jul 1968 448.3 J82

Haemophilus, Irradiation, Mutation, Ultraviolet rays.

19946-68

IMMUNOCHEMICAL ANALYSIS OF SEROLOGICALLY ACTIVE LIPIDS OF MYCOPLASMA PNEUMONIAE.

B L Beckman G E Kenny

J Bacteriol 96(4):1171-1180 REF

Oct 1968 448.3 J82

Antigens, Complement fixation, Immunochimistry, Lipids, Mycoplasma. English abstract

19947-68

ZINC DEFICIENCY IN RUMINANTS: OCCURRENCE, EFFECTS, DIAGNOSIS, TREATMENTS.

D M Blackmon W J Miller J D Morton

Vet Med/Small Anim Clin 62(3):265-270 REF

Mar 1967 41.8 M69

Cattle, Deficiency diseases, Diagnosis, Goats, Ruminants, Veterinary medicine, Zinc.

19948-68

VARIANTS OF PLASMODIUM BERGHEI RESISTANT TO PASSIVE TRANSFER OF IMMUNE SERUM.

N T Briggs B T Wellde E H Sadun

Exp Parasitol 22(3):338-345 REF

Jun 1968 436.8 EX7

Immunity, Plasmodium, Rats, Serum. English abstract

19949-68

CONCERNING THE LARVA MIGRANS VISCERALIS OF ASCARIS LUMBRICOIDES IN THE EXPERIMENTAL HOST (MICE). (GE)

M Buske H Engelbrecht

Z Parasitenk 30(4):337-346 REF

26 Jul 1968 442.8 Z33F

Animal diseases, Ascaris, Larvae, Mice, Parasitism, Parasitology. German and english abstract

19950-68

EFFECTS OF TEMPORARY HORMONAL SUPPRESSION OF LACTATION ON MILK CONSTITUENTS, CLINICAL MASTITIS, COLOSTRUM, AND THE ESTROUS CYCLE.

E V Caruolo R D Mochrie

J Dairy Sci 51(9):1436-1444 REF

Sep 1968 44.8 J822

Cattle, Colostrum, Estrus, Goats, Hormones, Lactation, Mastitis, Milk analysis, Sheep. English abstract

19951-68

BRUCELLOSIS IN BULLS. CORRELATION BETWEEN DIFFERENT SEROLOGIC TESTS AND ETIOLOGIC AGENT ISOLATION. (SP)

N C F Cedro H O Cisale L R A F De Menaldo A A Bernardelli J S G Tome N Alvarez

Rev Invest Agropecuar Ser 4 Patol Anim 05(2):9-13

1968 41.8 R3227

Animal diseases, Brucellosis, Bulls, Serodiagnosis, Surveys. English and spanish abstracts

19952-68

STUDIES ON LEPTOSPIRAL LIPASE. I. CHARACTERIZATION OF LIPASES FROM PATHOGENIC AND SAPROPHYTIC STRAINS.

B Chorvath

J Hyg Epidemiol Microbiol Immunol 12(3):349-355 REF

1968 448.8 J826

Biochemistry, Enzymes, Leptospira, Lipases, Microbiology. Spanish, french, german and english abstract

19953-68

DIAGNOSIS AND HANDLING OF B VIRUS IN A RHESUS MONKEY (MACACA MULATTA).

W C Cole R E Bostrom R A Whitney

Amer Vet Med Ass J 153(7):894-898 REF

01 Oct 1968 41.8 AM3

Animal diseases, B virus, Herpes simplex, Monkeys, Serodiagnosis, Serum neutralization test. English abstract

19954-68

CULTANEOUS STREPTOTHRICOSIS OF CATTLE IN WEST AFRICA.

C H Coleman

Vet Rec 81(11):251-254 REF

09 Sep 1967 41.8 V641

Cattle, Dermatophilus congolensis, Skin diseases, Streptotrichosis.

19955-68

TRYPANOSOMES ASSOCIATED WITH BOVINE LYMPHOCYTOSIS.

R F Cross D R Redman E H Bohl

Amer Vet Med Ass J 153(5):571-575

01 Sep 1968 41.8 AM3

Animal diseases, Cattle, Lymphocytosis, Lymphosarcoma, Serodiagnosis, Serological tests, Trypanosoma. English abstract

19956-68

ORIGIN AND STRUCTURE OF THE SPERMATOPHORE OF GLOSSIPHONIA COMPLANATA (L.) (HIRUDINEE, RHYNCHOBDELLE). (FR)

D Damas

Arch Zool Exp Gen 109(1):79-86

15 Jul 1968 410 AR24

Animal anatomy, Animal physiology, Annelida, Hirudinea, Reproductive organs, Spermatophores. French and english abstract

19957-68

THE ENDOPARASITES IN COLLARD TURTLEDoves IN SOME MORAVIAN TOWNS. (GE)

B Darebnicek V Dyk L Sochor R Zavadi

Angew Parasitol 8(4):196-199

Nov 1967 436.8 AN4

Coccidiae, Helminthiasis, Host relationships, Pigeons. German, russian, english, and czech abstract

19958-68

A MODIFICATION OF THE GROWTH-INHIBITION TEST AND ITS USE FOR DETECTING MYCOPLASMA MYCOIDES VAR. MYCOIDES.

G Davies W C S Read

J Hyg 66(3):319-324 REF

Sep 1968 449.8 J82

Biological assay, Cattle, Diagnosis, Methodology, Mycoplasma, Pleuropneumonia. English abstract

19959-68

USE OF A CHITINASE COMPLEX AND BETA-(1,3)-GLUCANASE FOR SPHEROPLAST PRODUCTION FROM CANDIDA ALBICANS.

R E Domanski R E Miller

J Bacteriol 96(1):270-271

Jul 1968 448.3 J82

Candida albicans, Cell wall, Chitin, Enzymes, Lysis.

19960-68

EFFECT OF ENDOGENIC AND EXOGENIC INTERFERON ON VIRUSES OF PSEUDORABIES. (RUS)

N M Furur E A Preobrazhenskaya

Antibiotiki 12(12):1099-1102

Dec 1967 396.8 AN84

Chick embryos, Herpesviruses, Interferon, Mice, Pseudorabies. English and russian abstract

19961-68

ACTION OF NORADRENALINE AND ADRENALINE ON THE EMBRYONIC CIRCULATION OF THE CHICKEN. (FR)

H Girard

Acad Sci Compt Rend Ser D Sci Nat

265(25):2023-2026

18 Dec 1967 505 P21

Animal physiology, Chickens, Circulatory system, Embryology, Epinephrine, Hypertension. French abstract

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19962-68

SOLUBLE ANTIGEN FLUORESCENT ANTIBODY TEST FOR AMEBIASIS.

R W Gore E H Sadun

Exp Parasitol 22(3):316-320 REF

Jun 1968 436.8 EX7

Amebiasis, Animal diseases, Dysentery, Fluorescent antibody technic, Liver diseases. English abstract

19963-68

BABESIA GIBSONI IN A DOG.

M G Groves L F Yap

Amer Vet Med Ass J 153(6):589-694 REF

15 Sep 1968 41.8 AM3

Animal diseases, Animal vectors, Diagnosis, Dogs, Erythrocytes, Piroplasmiasis.

Dogs clinically recovered may serve as carriers of Babesia gibsoni, a disease new to the United States.

19964-68

BIOLOGICAL PRODUCTS FOR CONTROLLING ANIMAL DISEASES--HOW TO OBTAIN IVRI PRODUCTS.

T S Gulrajani

Indian Farming 18(3):35-52

Jun 1968 22 IN283

Animal diseases, Immunization, Livestock, Vaccines.

19965-68

ELEVATED TEMPERATURE INCUBATION OF ENRICHMENT MEDIA FOR THE ISOLATION OF SALMONELLAS FROM HEAVILY CONTAMINATED MATERIALS.

R W S Harvey T H Price

J Hyg 66(3):377-381 REF

Sep 1968 449.8 J82

Animal diseases, Culture media, Diagnosis, Enterobacteriaceae, Methodology, Salmonellosis. English abstract

19966-68

NATURALLY OCCURRING OXYURIASIS IN MICE.

J F Harwell D D Boyd

Amer Vet Med Ass J 153(7):950-953

01 Oct 1968 41.8 AM3

Animal diseases, Autopsies, Mice, Oxyuriasis, Therapeutics. English abstract

19967-68

ANTIGENIC ANALYSIS OF WATER FORMS OF LEPTOSPIRA.

R C Henneberry C D Cox

J Bacteriol 96(4):1419-1420

Oct 1968 448.3 J82

Agglutination, Antigens, Immunity, Leptospira, Taxonomy.

19968-68

PULMONARY TUBERCULOSIS IN A SQUIRREL MONKEY (SAIMIRI SCIUREUS).

J R Hessler A F Moreland

Amer Vet Med Ass J 153(7):923-927

01 Oct 1968 41.8 AM3

Animal diseases, Diagnosis, Infectious diseases, Lungs, Monkeys, Mycobacterium tuberculosis, Tuberculosis. English abstract

19969-68

CHEMICAL COMPOSITION OF CELL-WALL POLYSACCHARIDE OF ROUGH MUTANTS OF SALMONELLA TYPHIMURIUM.

T Holme A A Lindberg P J Garegg T Onn

J Gen Microbiol 52(1):45-54 REF

Jun 1968 448.3 J823

Biochemistry, Cell wall, Polysaccharides, Salmonella typhimurium. English abstract

19970-68

INTERACTIONS BETWEEN MACROPHAGES OF GUINEA PIGS AND SALMONELLAE. I. FATE OF SALMONELLA TYPHIMURIUM WITHIN MACROPHAGES OF NORMAL GUINEA PIGS.

H S Hsu A S Radcliffe

J Bacteriol 96(1):191-197 REF

Jul 1968 448.3 J82

Guinea pigs, Immunology, Macrophages, Phagocytosis, *Salmonella typhimurium*. English abstract

19971-68

ULTRASTRUCTURE AND BIOLOGY OF TOXOPLASMAS. III. OBSERVATIONS OF INTRAERYTHROCYTAL TOXOPLASMAS OF A MAMMAL. (FR)

J M Jadin J Creemers

Acta Trop 25(3):267-270

1968 475 AC8

Animal physiology, Electron microscopy, Erythrocytes, Mammals, Toxoplasma. French abstract

19972-68

RESPIRATORY CHANGES ACCOMPANYING LEISHMANIA TO LEPTOMONAD TRANSFORMATION IN LEISHMANIA DONOVANI.

J Janovy

Exp Parasitol 20(1):51-55 REF

Feb 1967 436.8 EX7

Leishmania, Morphology, Protozoa, Rodents. English abstract

19973-68

BACTERICIDAL ACTION OF FRESH RABBIT BLOOD AGAINST BRUCELLA ABORTUS.

R W Joos W H Hall

J Bacteriol 96(4):881-885

Oct 1968 448.3 J82

Animal physiology, Bactericides, Blood, *Brucella abortus*, Immunity, Kinetics, Laboratory animals, Rabbits. English abstract

19974-68

PYROGENIC PRINCIPLE OF THE RIBONUCLEIC ACID FROM THE YEAST CANDIDA UTILIS.

S Kanoh H Kohlhaeg R Siegrist

J Bacteriol 96(3):738-743 REF

Sep 1968 448.3 J82

Bacteriology, Candida, Chromatography, Hydrolysis, Ribonucleic acid, Yeasts. English abstract

19975-68

IMMUNOGENIC EFFECT OF ULTRAVIOLET TREATED LARVAE OF NIPPOSTRONGYLUS BRASILIENSIS IN RATS.

J C Katiyar A Mukherji A B Sen

Indian J Exp Biol 06(1):35-37 REF

Jan 1968 442.8 IN2

Antigens, Immunization, Irradiation, Larvae, Nematodes, Rats, Ultraviolet rays. English abstract

19976-68

ON THE SPECIFIC MECHANISM OF THE TRANSMISSION OF LEPTOSPIRAL INFECTION.

V S Kiktenko

J Hyg Epidemiol Microbiol Immunol 12(3):341-348 REF

1968 448.8 J826

Animal diseases, Animal vectors, Epizootic diseases, Infectious diseases, Leptospirosis, Zoonoses. French, Spanish, German, Portuguese and English abstract

19977-68

DEGRADATION OF HYDROCARBON BY MEMBERS OF THE GENUS CANDIDA. III. OXIDATIVE INTERMEDIATES FROM 1-HEXADECENE AND 1-HEPTADECENE BY CANDIDA LIPOLYTICA.

M J Klug A J Markovetz

J Bacteriol 96(4):1115-1123 REF

Oct 1968 448.3 J82

Biochemistry, Candida, Deterioration, Hydrocarbons, Metabolism. English abstract

19978-68

PASSIVE HAEMAGGLUTINATION TEST IN DUCKS AND FOWLS ARTIFICIALLY INFECTED WITH MYCOBACTERIUM AVIUM.

M S Kwatra G L Sharma G Singh

Indian J Exp Biol 5(3):186-187

Jul 1967 442.8 IN2

Diagnosis, Hemagglutination, Methodology, *Mycobacterium avium*, Poultry. English abstract

19979-68

MODIFICATION OF THE INTESTINAL FLORA OF CALVES WITH MILK TREATED WITH OXYTETRACYCLINE. (FR)

C Labie J Tournut M Truehaud

Acad Sci Compt Rend Ser D Sci Nat 265(25):2153-2156

18 Dec 1967 505 P21

Animal nutrition, Calves, Intestines, Microorganisms, Oxytetracycline, Therapeutics. French abstract

19980-68

TOXICITY OF CROTALARIA MUCRONATA TO SHEEP.

L Laws

Australian Vet J 44(10):453-455 REF

Oct 1968 41.8 AU72

Crotalaria, Diagnosis, Poisonous plants, Sheep, Toxicology. English abstract

19981-68

CONTROL OF THE TOXIC PLANT, CORONA, BY MEANS OF RESIDUAL AND HORMONAL HERBICIDES. (POR)

L Leiderman C A Lobato dos Santos P

Figueiredo

Biologico 33(10):221-226

Oct 1967 442.8 B529

Amitrole, Cattle, Chemical control (weeds), Isocil, Malpighiaceae, Poisonous plants. Portuguese and English abstract

19982-68

IMMUNOCHEMICAL STUDIES ON CELL-WALL POLYSACCHARIDE OF ROUGH MUTANTS OF SALMONELLA TYPHIMURIUM.

A A Lindberg T Holme

J Gen Microbiol 52(1):55-65 REF

Jun 1968 448.3 J823

Cell wall, Hemagglutination, Immunochimistry, Polysaccharides, *Salmonella typhimurium*. English abstract

19983-68

THE INFLUENCE OF INTERFERON ON THE DYNAMICS OF ANTIBODY FORMATION IN CHICKEN IN PSEUDOPLAQUE OF FOWL. (RUS)

A N Litvinov

Antibiotiki 12(7):602-604

Jul 1967 396.8 AN84

Antibodies, Chickens, Immunity, Interferon, Newcastle disease.

19984-68

MERCURY POISONING IN PIGS.

R M Loosmore J D J Harding G Lewis

Vet Rec 81(11):268-269

09 Sep 1967 41.8 V641

Feed grains, Mercury, Mercury compounds, Poisoning, Swine.

19985-68

BOVINE BABESIOSIS: THE IMMUNIZATION OF CATTLE WITH KILLED BABESIA ARGENTINA.

D F Mahoney

Exp Parasitol 20(1):125-129

Feb 1967 436.8 EX7

Cattle, Immunization, Piroplasmosis. English abstract

19986-68

NATURALLY OCCURRING GIANT CELL PNEUMONIA IN THE RHESUS MONKEY (MACACA MULATTA).

P J Manning K L Banks N D M Lechner

Amer Vet Med Ass J 153(7):899-904 REF

01 Oct 1968 41.8 AM3

Animal diseases, Animal histology, Diagnosis, Measles virus, Monkeys, Pneumonia. English abstract

19987-68

SOME CONSIDERATIONS IN DEALING WITH RESPIRATORY DISEASE IN CALVES.

H Martin

Vet Rec 81(11):255-261 REF

09 Sep 1967 41.8 V641

Calves, Epizootic diseases, Infectious diseases, Mathematics, Respiratory diseases.

19988-68

TUBERCULOSIS OF THE SPINE (POTT'S DISEASE) IN A RHESUS MONKEY (MACACA MULATTA).

J E Martin W C Cole R A Whitney

Amer Vet Med Ass J 153(7):914-917

01 Oct 1968 41.8 AM3

Animal diseases, Diagnosis, Monkeys, Paralysis, Tuberculosis. English abstract

19989-68

APPLICATION OF A FLUORESCENT-ANTIBODY TECHNIQUE FOR THE DETECTION OF MYCOPLASMA MYCOIDES ANTIGEN AND ANTIBODY.

W N Masiga S S Stone

J Bacteriol 96(5):1867-1869

Nov 1968 448.3 J82

Antibodies, Antigens, Fluorescent antibody technique, Immunodiagnosis, Methodology, *Mycoplasma mycoides*, Serodiagnosis. English abstract

19990-68

PRELIMINARY TRIALS OF FENTHION, CIODRIN, AND CHLOROFENVINPHOS FOR THE CONTROL OF BOOPHILUS MICROPLUS CAN 1888, ON CATTLE. (POR)

D Mello J C Queiroz F Madureira

Biologico 34(2):33-35

Feb 1968 442.8 B529

Boophilus, Cattle, Chemical control (insects), Ciodrin, Ethion, Fenthion, Organophosphorus compounds.

19991-68

ERADICATION OF BRUCELLA CANIS INFECTION FROM A DOG COLONY.

J A Moore B N Gupta G H Connor

Amer Vet Med Ass J 153(5):523-527

01 Sep 1968 41.8 AM3

Abortion, Animal diseases, *Brucella*, Dogs, Serological tests. English abstract

19992-68

GENITAL INFECTIONS IN THOROUGHbred MARES CAUSED BY CANDIDA ALBICANS. (POR)

G Morcuo J A Bottino E N Mos T Isey

Biologico 34(5):115-117

May 1968 442.8 B529

Animal diseases, Candida, Horses, Urogenital system. English and Portuguese abstract

19993-68

AVIAN VACCINES AGAINST RABIES. (POR)

M R Nilsson

Biologico 34(2):29-32 REF

Feb 1968 442.8 B529

Birds, Eggs, Immunization, Rabies virus, Tissue culture, Vaccines.

19994-68

THE TECHNIQUE OF FARACO FOR THE SEARCH OF NEGRI BODIES. (POR)

M R Nilsson

Biologico 34(3):56-58

Mar 1968 442.8 B529

Diagnosis, Fluorescent antibody technique, Inclusion bodies, Rabies virus, Virus diseases (animals).

19995-68

THE RISE OF RABIES IN THE VALLEY OF PARAIBA. CONFIRMATION IN THE LABORATORY. (POR)

M R Nilsson W Sugay C L S Carvalho O L

Pasqualin

Biologico 34(3):59-62 REF

Mar 1968 442.8 B529

Cattle, Horses, Rabies virus, Surveys, Virus diseases (animals).

19996-68

LIPID METABOLISM IN THE ADULT CESTODE HYMENOLEPIS DIMINUTA.

M Overturf R L Dryer

Compar Biochem Physiol 27(1):145-175 REF

Oct 1968 444.8 C73

Animal physiology, Cestoda, Lipids, Metabolism, Rats, Starvation. English abstract

19997-68

HETEROGENEITY OF ANTIBODY RESPONSE TO SALMONELLA LIPOPOLYSACCHARIDE MEASURED BY PASSIVE HEMAGGLUTINATION AND HEMOLYSIS IN MICE.

J P Ransom C Larson J M Gorman S Tolve

J Bacteriol 96(4):909-915 REF

Oct 1968 448.3 J82

Antibodies, Hemagglutination, Hemolysis, Immunochimistry, Lipopolysaccharides, Methodology, Mice, Salmonella. English abstract

19998-68

MYCOPLASMA TAXONOMY STUDIED BY ELECTROPHORESIS OF CELL PROTEINS.

S Razin

J Bacteriol 96(3):687-694 REF

Sep 1968 448.3 J82

Electrophoresis, Microbiology, Mycoplasma, Proteins, Taxonomy. English abstract

19999-68

EVIDENCE OF COMMON SEGMENTS IN VIRUS RNA OF AVIAN MYELOBLASTOSIS VIRUS (AMV) AND NEWCASTLE DISEASE VIRUS (NDV). (fr)

M Rosenbergo J Huppert

Acad Sci Compt Rend Ser D Sci Nat 267(9):911-914

26 Aug 1968 505 P21

Animal genetics, Avian myeloblastosis virus, Biochemistry, Chickens, Newcastle disease virus, Ribonucleic acid, Viruses. French abstract

20000-68

PREVALENCE OF SALMONELLA SPP. IN DOMESTIC ANIMALS AND WILDLIFE ON SELECTED ILLINOIS FARMS.

P R Schnurrenberger L J Held R J Martin K D Quist M M Galton

Amer Vet Med Ass J 153(4):442-445

15 Aug 1968 41.8 AM3

Livestock diseases, Salmonella, Salmonellosis. English abstract

20001-68

ELECTRON MICROSCOPE STUDIES OF THE NUTRITION OF COCCIDIA IN CELL CULTURES. (EIMERIA TENELLA). (GE)

E Scholtyssek R G Strout

Z Parasitenk 30(4):291-300 REF

26 Jul 1968 442.8 Z33F

Coccidiosis, Electron microscopy, Parasitology, Tissue culture. German and english abstract

20002-68

IMMUNIZATION EXPERIMENTS AGAINST BOVINE VIRAL DIARRHEA. II. ACTIVE IMMUNIZATION.

E Simonyi K Bognar J Biro Z Palatka

Acta Vet (budapest) 18(3):245-250 REF

1968 41.8 AC83

Bovine virus diarrhea virus, Immunization, Livestock diseases, Methodology, Scrotherapy.

20003-68

IMMUNIZATION EXPERIMENTS AGAINST BOVINE VIRAL DIARRHEA. I. THE PRODUCTION AND APPLICATION OF HYPERIMMUNE SERUM.

E Simonyi K Bognar J Biro Z Palatka

Acta Vet (budapest) 18(3):237-243 REF

1968 41.8 AC83

Bovine virus diarrhea virus, Immunization, Livestock diseases, Methodology, Scrotherapy.

20004-68

THE ASSOCIATION OF YEASTS WITH CHRONIC OTITIS EXTERNA IN THE DOG.

J M B Smith

Australian Vet J 44(9):413-415

Sep 1968 41.8 AU72

Animal diseases, Dogs, Ears, Etiology, Otitis, Yeasts. English abstract

20005-68

THE ISOLATION OF INFECTIOUS BOVINE RHINOTRACHEITIS VIRUS FROM BOVINE SEMEN.

P B Spradbrow

Australian Vet J 44(9):410-412 REF

Sep 1968 41.8 AU72

Bovine rhinovirus, Cattle, Microorganism isolation, Semen. English abstract

20006-68

COCCIDIOSIS IN WILD RABBITS, ORYCTOLAGUS CUNICULUS (L.), AT FOUR SITES IN DIFFERENT CLIMATIC REGIONS IN EASTERN AUSTRALIA. II. THE RELATIONSHIP OF OOCYST OUTPUT TO CLIMATE AND TO SOME ASPECTS OF THE RABBIT'S PHYSIOLOGY.

E Stodart

Australian J Zool 16(4):619-628 REF

Sep 1968 410 AU73

Animal diseases, Climate, Coccidiosis, Diagnosis, Immunity, Rabbits. English abstract

20007-68

UNEXPECTED SEROTYPES OF MYCOPLASMAS ISOLATED FROM PIGS.

D Taylor-Robinson Z Dinter

J Gen Microbiol 53(2):221-229 REF

Sep 1968 448.3 J823

Animal diseases, Mycoplasma, Serodiagnosis, Swine.

20008-68

ISONIAZID FOR CONTROL OF TUBERCULOSIS IN A DEER HERD.

D R Towar

Amer Vet Med Ass J 153(7):805-812

01 Oct 1968 41.8 AM3

Animal diseases, Autopsies, Deer, Isoniazid, Therapeutics, Tuberculosis. English abstract

20009-68

EFFECT OF GRIZIN AND VITAMINS A AND E ON NATURAL IMMUNITY IN CHICKENS. (RUS)

V P Tulchinskaya M S Mishnaevsky

Antibiotiki 12(12):1084-1088 REF

Dec 1967 396.8 AN84

Animal physiology, Chickens, Grisein, Immunity, Vitamin a, Vitamin e. English abstract

20010-68

EVIDENCE FOR A SINGLE STRUCTURAL POLYPEPTIDE IN FOOT-AND-MOUTH DISEASE VIRUS.

G F Vande Woude H L Bachrach

Arch Gesamte Virusforsch 23(4):353-361 REF

Apr 1968 448.3 AR23

Animal diseases, Biochemistry, Electrophoresis, Foot-and-mouth disease virus, Picornaviruses, Proteins, Virus diseases (animals). English abstract

20011-68

INVESTIGATION OF OPTIMAL CONDITIONS FOR INTERFERON FORMATION IN ARBOVIRAL INFECTIONS OF CHICK EMBRYO CELL CULTURES. (RUS)

L M Vilner M P Chumakov N A Zeitlenok M M Goldbarb I M Rodin L M Brodskaya E V Finogenova

Antibiotiki 12(12):1093-1099 REF

Dec 1967 396.8 AN84

Arboviruses, Chick embryos, Interferon, Tissue culture. English and russian abstract

20012-68

CRYPTOCOCCUS NEOFORMANS INFECTION IN A DOG.

J L Wagner J R Pick M R Krigman

Amer Vet Med Ass J 153(7):945-949 REF

01 Oct 1968 41.8 AM3

Animal diseases, Autopsies, Central nervous system, Cryptococcus, Dogs, Fungi, Meningo-encephalitis. English abstract

20013-68

TRANSDUCTION OF VARIOUS R FACTORS BY PHAGE P1 IN ESCHERICHIA COLI AND BY PHAGE P22 IN SALMONELLA TYPHIMURIUM.

T Watanabe C Furuse S Sakaizumi

J Bacteriol 96(5):1791-1795 REF

Nov 1968 448.3 J82

Bacteriophages, Drug resistance, Escherichia coli, Salmonella typhimurium, Transduction. English abstract

20014-68

SUPERINFECTION WITH R FACTORS BY TRANSDUCTION IN ESCHERICHIA COLI AND SALMONELLA TYPHIMURIUM.

T Watanabe S Sakaizumi C Furuse

J Bacteriol 96(5):1796-1802 REF

Nov 1968 448.3 J82

Bacteriophages, Drug resistance, Escherichia coli, Salmonella typhimurium, Transduction. English abstract

20015-68

INDIRECT FLUORESCENT ANTIBODY TEST FOR THE SERO-DIAGNOSIS OF ONCHOCERCIASIS.

A W Woodruff R A Wiseman

Exp Parasitol 22(3):295-298

Jun 1968 436.8 EX7

Fluorescent antibody technic, Immunodiagnosis, Onchocerciasis, Parasitology. English abstract

20016-68

ROLE OF RELATIVE HUMIDITY IN THE SURVIVAL OF AIRBORNE MYCOPLASMA PNEUMONIAE.

D N Wright G D Bailey M T Hatch

J Bacteriol 96(4):970-974 REF

Oct 1968 448.3 J82

Air microbiology, Humidity, Mortality, Mycoplasma. English abstract

20017-68

LYSIS OF THE LIMITING MEMBRANE OF MYCOPLASMA GALLISEPTICUM BY CHEMICAL AGENTS.

H Zola

J Gen Microbiol 53(1):23-26 REF

Aug 1968 448.3 J823

Biochemistry, Detergents, Enzymes, Lysis, Mycoplasma, Plasma membranc. English abstract

20018-68

ACTIVE IMMUNIZATION OF RATS WITH A CELL-FREE EXTRACT OF THE ERYTHROCYTIC PARASITES OF PLASMODIUM BERGHEI.

A Zuckerman J Hamburger D Spira

Exp Parasitol 21(1):84-97 REF

Aug 1967 436.8 EX7

Immunization, Malaria, Plasmodium, Protozoal vaccines, Rodents. English abstract

ARTHROPODS

20019-68

THE HYPOPIAL STAGE OF FALCULIFEROSTRATUM IN THE TURTLEDOVE. (GE)

B Darcenick V Dyk L Sochor R Zavadil

Angew Parasitol 8(3):145-150

Aug 1967 436.8 AN4

Host relationships, Insect physiology, Mites, Parasitic insects, Pigeons. German, russian, english and czech abstract

20020-68

USE OF INSECTICIDES IN VETERINARY MEDICINE. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

F Hauschild
228-250
1965
Insecticides, Parasitism, Veterinary medicine.

20021-68
ERADICATION OF CATTLE TICK (BOOPHILUS MICROPLUS) FROM MAGNETIC ISLAND, QUEENSLAND, IN THE PRESENCE OF NATIVE FAUNA.
L A Y Johnston R H Wharton J H Calaby
Australian Vet J 44(9):403-405
Sep 1968 41.8 AU72
Boophilus, Insect pests, Livestock, Sanitation control (insects). English abstract

20022-68
SPRAYING CATTLE BY AIR.
B H Kanatack
Aerial Appl 6(1):4-5
Jan 1968 333.8 AE8
Aerial spraying, Chemical control (insects), Haematobia irritans, Insect control, Malathion, Musca autumnalis, South Dakota.

20023-68
FEEDING MECHANISM OF HAEMATOPINUS SUIS ON THE TRANSILLUMINATED MOUSE EAR.
M M J Lavoipierre
Exp Parasitol 20(3):303-311 REF
Jun 1967 436.8 EX7
Food habits, Haematopinidae, Haematopinus suis, Methodology, Mice, Mouth parts. English abstract

20024-68
MECHANICAL REMOVAL OF RHIPICEPHALUS SANGUINEUS FROM THE DOG.
J H Theis
Amer Vet Med Ass J 153(4):433-437
15 Aug 1968 41.8 AM3
Dogs, Pest control, Rhipicephalus sanguineus. English abstract

20025-68
ACAROUS (PNEUMONYSSUS SIMICOLA) ARTERITIS IN RHESUS MONKEYS.
J C Woodard
Amer Vet Med Ass J 153(7):905-909
01 Oct 1968 41.8 AM3
Animal diseases, Arteritis, Autopsies, Lungs, Mites, Monkeys. English abstract
Arteritis associated with lung mite infection was found in 2 rhesus monkeys.

PARASITES

20026-68
FINE STRUCTURE OF THE INTESTINE OF THE NEMATODES. ANCYLOSTOMA CANINUM AND PHOCANEMA DECIPIENS.
J Andreassen
Z Parasitenk 30(1):318-336 REF
26 Jul 1968 442.8 Z33F
Animal histology, Electron microscopy, Intestines, Nematodes, Parasitology. German and english abstract

20027-68
A SIMPLE METHOD FOR MARKING PARASITIC HELMINTH IN ANIMALS. (GE)
D K Bozkov
Angew Parasitol 8(4):237-244
Nov 1967 436.8 AN4
Animal diseases, Helminths, Labeling, Methodology, Trypan blue. English, german russian and bulgarian abstract

20028-68
RECENT TECHNIQUE FOR SERODIAGNOSIS OF HUMAN AND ANIMAL HYDATIDOSIS. I. EVOLUTION OF THE TECHNIQUES FOR IMMUNODIAGNOSIS OF HYDATIDOSIS; COMMON METHODS. (SP)
J G Castro
Rev Iberica Parasitol 28(1):77-86

Jan 1968 436.8 R32
Animal diseases, Echinococcosis, Serodiagnosis.

20029-68
RECENT TECHNIQUES CONCERNING THE SERODIAGNOSIS OF HUMAN AND ANIMAL HYDATIDOSIS. II EVIDENCE OF FLOCCULATION WITH BEN'ONITE. (SP)
J G Castro
Rev Iberica Parasitol 28(1):87-101
Jan 1968 436.8 R32
Animal diseases, Bentonite, Echinococcosis, Flocculation, Medicine, Serodiagnosis.

20030-68
MACROGLOBULIN ANTIBODY RESPONSE TO ASCARIS SUUM INFECTION. A COMPARISON OF PRECIPITATING ANTIBODY IN RATS AND MICE.
C A Crandall R B Crandall
Exp Parasitol 21(3):391-402 REF
Dec 1967 436.8 EX7
Antibodies, Ascaris, Globulins, Nematodes, Rodents. English abstract

20031-68
EPIZOOTIOLOGY OF TRICHOSTRONGYLIDAE INFESTATIONS OF SHEEP IN LEON. (SP)
M F Diez
Rev Iberica Parasitol 28(1):32-66 REF
Jan 1968 436.8 R32
Epizootic diseases, Nematodes, Shcep. English abstract

20032-68
THE ANTHELMINTIC ACTIVITY OF THE OPTICAL ISOMERS OF TETRAMISOLE IN SHEEP AND CATTLE.
B A Forsyth
Australian Vet J 44(9):395-400
Sep 1968 41.8 AU72
Anthelmintics, Cattle, Drug therapy, Nematodes, Sheep, Stereochemistry, Toxicity. English abstract

20033-68
TOXOPLASMA GONDII IN TISSUE CULTURE AND MAINTENANCE AT LOW TEMPERATURES.
P Franchi E E A Hahn
Z Parasitenk 30(4):360-367 REF
26 Jul 1968 442.8 Z33F
Methodology, Research, Tissue culture, Toxoplasma. German and english abstract

20034-68
HISTOCHEMICAL LOCALIZATION OF ESTERASE ACTIVITY IN SCHISTOSOMES.
P J Fripp
Exp Parasitol 21(3):380-390 REF
Dec 1967 436.8 EX7
Blood parasites, Enzymes, Esterases, Histochemistry, Schistosoma, Trematoda. English abstract

20035-68
A CENTRAL NERVOUS SYSTEM DISORDER IN GROUND SQUIRRELS (CITELLUS TRIDECIMLINEATUS) ASSOCIATED WITH VISCERAL LARVA MIGRANS.
T E Fritz D E Smith R J Flynn
Amer Vet Med Ass J 153(7):841-844 REF
01 Oct 1968 41.8 AM3
Animal abnormalities, Animal diseases, Ascaris, Autopsies, Central nervous system, Squirrels. English abstract

20036-68
METABOLIC TRANSFORMATION OF 14C-GLUCOSE INTO TISSUE PROTEINS OF ANCYLOSTOMA CANINUM.
M E P Gimenez A Gimenez K Gaede
Exp Parasitol 21(2):215-223 REF
Oct 1967 436.8 EX7
Ancylostomatidae, Carbohydrates, Histochemistry, Metabolism, Parasitism, Proteins. English abstract

20037-68
EXPERIMENTS WITH PYRANTEL TARTRATE IN THE TREATMENT OF GASTRO-INTESTINAL PARASITOSIS IN GOATS. (SP)
F M Gomez
Rev Iberica Parasitol 28(1):67-76 REF
Jan 1968 436.8 R32
Goats, Intestines, Parasitism, Pyrimidines. English and spanish abstract

20038-68
THIBENZOLE FOR SYNGAMOSIS THERAPY. (GE)
G Grafner
Angew Parasitol 8(3):165-168
Aug 1967 436.8 AN4
Benzene, Chemical control (nematodes), Chickens, Drug therapy, Host relationships, Nematodes, Syngamus trachea. German, russian and english abstract

20039-68
BODY-FAT COMPOSITION OF MALE ASCARIS LUMBRICOIDES BEFORE AND AFTER STARVATION.
A Gracichus Y A Gracichus
Exp Parasitol 21(1):47-52 REF
Aug 1967 436.8 EX7
Ascaris, Biochemistry, Lipids, Nematodes, Starvation. English abstract

20040-68
SENSITIVITY OF TRYPANOSOMES TO METABOLIC INHIBITORS.
J J Jaffe
New York Acad Sci Trans (SER II) 29(8):1057-1066 REF
Jun 1967 500 N4840T
Animal physiology, Antimetabolites, Carbohydrates, Drug therapy, Lipids, Metabolism, Nucleic acids, Proteins, Trypanosoma.

20041-68
HISTOCHEMICAL STUDY OF DRUG EFFECTS ON MICE INFECTED WITH TRICHINELLA SPIRALIS.
Z Kozar J Zarzycki R Seniuta T Martynowicz
Exp Parasitol 21(2):173-185 REF
Oct 1967 436.8 EX7
Animal diseases, Drugs, Histochemistry, Mice, Parasitism, Trichinella. English abstract

20042-68
THE HATCHING OF TAENIID EGGS.
G F Laws
Exp Parasitol 23(1):1-10 REF
Aug 1968 436.8 EX7
Echinococcus granulosus, Eggs, Embryology, Hatching, Taenia hydatigena, Taenia ovis, Taenia pisiformis. English abstract

20043-68
FINE STRUCTURE OF DIROFILARIA IMMITIS BODY-WALL MUSCULATURE.
C-c Lee J H Miller
Exp Parasitol 20(3):334-344 REF
Jun 1967 436.8 EX7
Dirofilaria immitis, Microscopy, Morphology, Muscles, Nematodes. English abstract

20044-68
OXYGEN UPTAKE BY TRYPANOSOMA LEWISI--COMPLEX CELLS. IV. E AND SP ISOLATES.
D R Lincicome A A Warsi C M Lee
Exp Parasitol 23(1):114-127 REF
Aug 1968 436.8 EX7
Animal metabolism, Animal respiration, Oxygen, Physiology, Trypanosoma. English abstract

20045-68
DYNAMICS OF THE PERMEATION OF NEMATODES BY WATER, NEMATOCIDES AND OTHER SUBSTANCES.
C F Marks I J Thomason C E Castro
Exp Parasitol 22(3):321-337 REF
Jun 1968 436.8 EX7

LIVESTOCK PROTECTION

20046-68

Animal physiology, Ethylene dibromide, Glucose, Glycine, Nematocides, Nematodes, Permeability, Sodium acetate. English abstract

20046-68

EXPOSURE OF *TRIBOLIUM CONFUSUM* TO THIO-TEPA, AND ITS EFFECT UPON DEVELOPMENT OF *HYMENOLEPIS DIMINUTA* CYSTICERCIDS.

D F Mettrick J R Parnell

Exp Parasitol 20(1):17-26 REF

Feb 1967 436.8 EX7

Cestoda, Chemosterilants, *Hymenolepis diminuta*, Insect vectors, Tapa, *Tribolium confusum*. English abstract

20047-68

HATCHING OF *DICROCOELIUM LANCIOELATUM* EGGS.

L H Raetliffe

Exp Parasitol 23(1):67-78

Aug 1968 436.8 EX7

Carbon dioxide, *Dicrocoelium dendriticum*, Eggs, Embryology, Hatching, Hydrogen-ion concentration, Trematoda. English abstract

20048-68

PEROXIDASE ACTIVITY IN PLATYHELMINTH CUTICULAR MITOCHONDRIA.

A H Rothman

Exp Parasitol 23(1):51-55

Aug 1968 436.8 EX7

Cestoda, Electron microscopy, *Hymenolepis*, Mitochondria, Peroxidases, Trematoda. English abstract

20049-68

ULTRASTRUCTURAL ENZYME LOCALIZATION IN THE SURFACE OF *MONILIFORMIS DUBIUS* (ACANTHOCEPHALA).

A H Rothman

Exp Parasitol 21(1):42-46 REF

Aug 1967 436.8 EX7

Acanthocephala, Cuticle, Enzymes, Physiology, Rats. English abstract

20050-68

EMBRYOGENESIS IN *HYMENOLEPIS DIMINUTA*. V. ACETYLCHOLINESTERASE IN EMBRYOS.

K Rybicka

Exp Parasitol 20(3):263-266

Jun 1967 436.8 EX7

Acetylcholinesterases, Biochemistry, Cestoda, Embryology, *Hymenolepis diminuta*. English abstract

20051-68

BIBLIOGRAPHY ON THE BIOCHEMISTRY OF ENDOPARASITES.

J C Smith

Exp Parasitol 22(3):352-422 REF

Jun 1968 436.8 EX7

Bibliography, Biochemistry, Metabolism, Nutrition, Parasites.

20052-68

TRANSMAMMARY PASSAGE OF INFECTIVE-STAGE NEMATODE LARVAE.

W M Stone M H Girardcau

Vet Med/Small Anim Clin 62(3):252-253 REF

Mar 1967 41.8 M69

Ancylostoma caninum, *Ancylostomatidae*, Dogs, Larvae, Nematodes, *Toxocara canis*, Veterinary medicine.

20053-68

ELECTRON-MICROSCOPY OF EMBRYONIC ENVELOPE FORMATION BY THE CESTODE *CATENOTAENIA PUSILLA*.

Z Swiderski

Exp Parasitol 23(1):104-113 REF

Aug 1968 436.8 EX7

Cell wall, Cestoda, Cytology, Electron microscopy, Plasma membrane. English abstract

20054-68

STATISTICAL ESTIMATION OF WORM BURDENS (*ASCARIDIA GALLI*) IN CHICKENS.

BIBLIOGRAPHY

C T Train M F Hansen

Exp Parasitol 23(1):11-21 REF

Aug 1968 436.8 EX7

Ascaridae, Diagnosis, Eggs, Poultry, Statistical analysis. English abstract

20055-68

THE RICTULARIA (NEMATODA: SPIRURIDAE), AND OXIMENA (NEMATODA: OXYURIDAE) FROM THE INTESTINES OF FOXES IN SPANISH PROVINCES. (SP)

F S Vicente

Rev Iberica Parasitol 28(1):1-18 REF

Jan 1968 436.8 R32

Foxes, Intestines, Nematodes, Taxonomy. English and spanish abstract

20056-68

CYSTICERCOSIS IN FOUR RHESUS BRAINS.

J H Vickers L R Penner

Amer Vet Med Ass J 153(7):868-871

01 Oct 1968 41.8 AM3

Animal diseases, Autopsies, Brain, Echinococcosis, Monkeys. English abstract

20057-68

EFFECTS OF STRESS UPON ACQUIRED IMMUNITY TO THE DWARF TAPEWORM, *HYMENOLEPIS NANA*.

C J Weinmann A H Rothman

Exp Parasitol 21(1):61-67 REF

Aug 1967 436.8 EX7

Cestoda, *Hymenolepis*, Immunity, Mice, Stress. English abstract

COMMODITY PROTECTION

20058-68

REPORT OF SUBCOMMITTEE F ON RECOMMENDATIONS OF REFEREES.

M T Bartram L S Stuart H L Bodily W V

Eisenberg

Ass Offic Anal Chem J 51(2):406-408

Mar 1968 381 AS7

Antiseptics, Drugs, Food contamination, Insects, Microbiology.

STORAGE DISEASES

20059-68

EMPLOYMENT OF MALEIC HYDRAZIDE IN THE STORAGE OF ONION BULBS. (SP)

H G Blanco L Leiderman

Biologico 34(4):90-93

Apr 1968 442.8 B529

Maleic hydrazide, Onions, Plant protection, Storage. English and spanish abstract

20060-68

THE NATURAL SKIN COATING OF THE APPLE AND ITS INFLUENCE ON SCALD IN STORAGE. II. FREE FATTY ACIDS AND CARBONYL COMPOUNDS.

D F Meigh

J Sci Food Agr 18(7):307-313

Jul 1967 382 S012

Aldehydes, Apples, Diphenylamine, Scald (apples), Storage diseases.

ARTHROPODS

20061-68

EXPERIMENTS ON THE PREVENTION OF FLY-MAGGOT INFECTION OF MEAT. (GER)

K Borger H Maier-Bode

Arch Lebensmittelhgy 18(2):38-42

Feb 1967 41.8 L49

Chemical control (insects), Diptera, Food contamination, Maggots, Meat preservation, Pyrethrum, Trichlorfon. German abstract

20062-68

CONTAMINATION INDEXES IN DEGERMINATED CORN PRODUCTS.

C E Curtis

Ass Offic Anal Chem J 51(2):338-346, REF

Mar 1968 381 AS7

Birds, Corn, Equipment, Food contamination, Insect identification, Insects, Mites, Rodents, X-rays.

20063-68

REPORT ON EXTRANEEOUS MATERIALS IN FOODS AND DRUGS.

W V Eisenberg

Ass Offic Anal Chem J 51(2):324

Mar 1968 381 AS7

Drugs, Food analysis, Food contamination, Insects, Molds.

20064-68

EXPERIMENTS ON STERILIZATION OF THE SNOOT-BEETLES, *PHLYCTINUS CALLOSUS* BOH. AND *EREMNUS SETULOSUS* BOH., ON EXPORT GRAPES IN COLD-STORAGE.

A C Myburgh P J Krieger

Entomol Soc Southern Afr J 29:96-101

31 Mar 1967 420 EN86

Chemical control (insects), Cold storage, Curculionidae, Eremnus, Grapes, Phlyctinus, Plant quarantine, Sanitation control (insects), Sulfur dioxide. English abstract

20065-68

POTENTIAL USES OF PHOSPHINE BY PEST CONTROL OPERATORS.

J H Rutledge

Pest Contr 35(7):11-14,58,60

Jul 1967 449.8 EX8

Aluminum phosphide, Food industry, Fumigants, Grain, Pest control operators, Pesticide application, Phosphine, Storage.

RODENTS AND OTHER PESTS

20066-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967. LINCOLN, NEW ZEALAND. INSECTS AND BIRDS ON TWO NEW ZEALAND AIRFIELDS.

T A Caithness

New Zeal Entomol 4(1):19-23

Mar 1968 421 N48

Aircraft, Bird pests, Insects, Pest control.

20067-68

LABORATORY AND FIELD TRIALS WITH A NEW RATICIDE SELECTIVE TOXIC FOR RATS.

E Radova V Rupes M Privora

J Hyg Epidemiol Microbiol Immunol 12(3):365-369

1968 448.8 J826

Biological assay, Pest control, Rats, Research, Rodenticides, Toxicology. French, spanish, german and english abstract

MICROBIAL CONTAMINATION

20068-68

USE OF POTASSIUM SORBATE, DIETHYLPYROCARBONATE AND HEAT FOR THE PRESERVATION OF PRUNES AT HIGH MOISTURE LEVELS.

H R Bolin F P Boyle

J Sci Food Agr 18(7):289-291

Jul 1967 382 S012

Diethylpyrocabonate, Food processing, Molds, Potassium sorbate, Yeasts.

20069-68

REPORT ON MICROBIOLOGICAL METHODS FOR THE ANALYSIS OF FOOD.

H V Leininger

Ass Offic Anal Chem J 51(2):324-326

Mar 1968 381 AS7

Clostridium botulinum, Escherichia coli, Food analysis, Food contamination, Microbiology, Salmonella.

20070-68

TOMATO TRANSIT ROT CONTROL TRIALS 1965-66.

A R Mitchell V N Meurant J C Johnson

Queensland J Agr Anim Sci 25(3):157-159

Sep 1968 23 Q37

Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Maneb, Nabam, Rot (tomatoes), Storage diseases, Tomatoes.

ENVIRONMENTAL CONTAMINATION

20071-68

PREVENTING FISH AND WILDLIFE LOSSES.

E G Hunt

Aerial Appl 5(11):4-6

Nov 1967 333.8 AE8

Fish conservation, Fishkill, Pesticides, Wildlife conservation.

RESIDUES

20072-68

PERSISTENT PESTICIDES. PART 3.

Agr Chem 22(8):26,30-31

Aug 1967 381 AG8

Biological control (pests), Carbamates, Chemical control (pests), Pesticide residues, Pesticides, Phosphates, Pyrethrum, Rotenone.

20073-68

LOCATION, EXTRACTION, AND REMOVAL OF ENDRIN RESIDUES ON ALFALFA HAY.

T E Areher

J Dairy Sci 51(10):1606-1611 REF

Oct 1968 44.8 J822

Endrin, Feed, Hay, Insecticide residues, Livestock, English abstract

20074-68

RESIDUAL SPRAYS FOR THE CONTROL OF HOUSE FLIES, MUSCA DOMESTICA, IN DAIRY BARN.

D L Bailey G C LaBrecque P M Bishop

Fla Entomol 50(3):161-163

Sep 1967 420 F662

Carbamates, Chemical control (insects), Dairy barns, Dimethoate, Fenthion, Insecticide residues, Musca domestica, Organophosphate compounds, Spraying.

20075-68

HYGIENIC PROBLEMS OF INSECTICIDE RESIDUES IN FOOD. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

V Cieleszky A Denes E Sandi

544-554

1965

Food, Insecticide residues, Plants.

20076-68

REPORT OF SUBCOMMITTEE E ON RECOMMENDATIONS OF REFEREES. (TRANSACTIONS OF THE ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS).

R E Duggan L L Ramsey S B Randle J G Cummings

Ass Offic Anal Chem J 51(2):402-406

Mar 1968 381 AS7

Carbamates, Chlorinated hydrocarbons, Fumigants, Organophosphorus compounds, Pesticide analysis, Pesticide residues.

20077-68

IUPAC COMMISSION ON THE DEVELOPMENT, IMPROVEMENT, AND STANDARDIZATION OF METHODS OF PESTICIDE RESIDUE ANALYSIS.

H Egan

Ass Offic Anal Chem J 51(2):365-372 REF

Mar 1968 381 AS7

Chlorinated hydrocarbons, Fumigants, Mercury compounds, Organophosphorus compounds, Pesticide analysis, Pesticide residues, Pyrethrum.

20078-68

IUPAC COMMISSION ON TERMINAL RESIDUES.

H Egan

Ass Offic Anal Chem J 51(2):372-378 REF

Mar 1968 381 AS7

Carbamates, Carbaryl, Chlordane, Chlorinated hydrocarbons, Cyclohexene compounds, Dichlorvos, Dithiocarbamates, Fumigants, Lindane, Organophosphorus compounds, Pesticide residues.

20079-68

PERSISTENCE OF HERBICIDES IN SOIL.

C G L Furmidge J M Osgerby

J Sci Food Agr 18(7):269-273

Jul 1967 382 SO12

Adsorption, Herbicides, Pesticide residues, Soils.

20080-68

THE INJURIOUS EFFECT OF INSECTICIDES ON PLANTS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

G Grummer

445-461

1965

Decomposition, Insecticides, Pesticide residues, Plants, Soils.

20081-68

DISSIPATION OF INSECTICIDE RESIDUES FROM CROP OF INDIAN RAPE SEED. I. TREATMENT WITH BHC-OWP AND LINDANE-EC.

V Kavadia R Lal

Indian J Agr Sci 37(5):419-427 REF

Oct 1967 22 AG831

Benzene hexachloride, Biological assay, Insecticide residues, Lindane, Rape, Seeds.

20082-68

RESIDUES OF MEVINPHOS ON CAULIFLOWER. (POR)

A Pigatti P Pigati L S Camargo

Biologico 33(9):200-203 REF

Sep 1967 442.8 B529

Cauliflower, Insecticide residues, Mevinphos, Toxicology. Portuguese abstract

20083-68

OFFICIAL FDA TOLERANCES COMPLETE THROUGH DECEMBER 31, 1967.

Nat Agr Chem Ass News Pesticide Rev 26(3):27 PP

Feb 1968 421 AG8

Food contamination, Pesticide residues, Tolerances.

20084-68

DETERMINATION OF 4,6-DINITRO-O-SEC-BUTYLPHENOL RESIDUES IN FRUITS AND ALMONDS BY ELECTRON-CAPTURE GAS CHROMATOGRAPHY.

R White W W Kilgore

J Food Sci 32(6):691-694

Nov 1967 389.8 F7322

Almonds, Chromatography, Dinitrobutylphenol, Electron capture, Fruit, Herbicide residues.

TOXICOLOGY

20085-68

SEN. RIBICOFF INTRODUCES PESTICIDE CONTROL BILL.

Agr Chem 22(8):19

Aug 1967 381 AG8

Agriculture, Legislation, Pesticides, Toxicology.

20086-68

PROTECTION AGAINST POISON WHEN CLOSE TO INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

G Ahrens

555-569

1965

Bees, Insecticides, Plants, Poisons.

20087-68

TOXICITY OF INSECTICIDES TO FISH. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

H An Der Lan

537-543

1965

Carbamates, Chlorinated hydrocarbons, Fish, Insecticides, Organophosphorus compounds, Toxicology.

20088-68

TOXICITY OF INSECTICIDES TO WARM BLOODED ANIMALS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

H An Der Lan

509-536

1965

Animals, Carbamates, Chlorinated hydrocarbons, Insecticides, Organophosphorus compounds, Toxicology.

20089-68

OCCUPATIONAL HAZARDS.

J Dater

Agr Chem 23(4):44,46

Apr 1968 381 AG8

Accident prevention, DDT, Pesticides, Public health, Toxicology.

20090-68

PHYTOTOXICITY OF STICKER-FUNGICIDE COMBINATIONS ON TOMATO PLANTS.

R G Davide

Philippine Agr 50(8):817-822

Jan 1967 25 P542

Adhesives, Fungicides, Phytotoxicity, Tomatoes, Toxicology.

20091-68

PHARMACODYNAMIC STUDY OF DDT IN COCKERELS.

D J Eobichon P W Sasehenbrecker

Can J Physiol Pharmacol 46(5):785-794 REF

Sep 1968 444.8 C16

Animal physiology, Chickens, Chromatography, DDT, Insecticide residues, Metabolism, Poisoning, Toxicology. English abstract

20092-68

PRECAUTIONS OF WORKING CLOSELY WITH INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

W. Grund

570-592

1965

Chlorinated hydrocarbons, Health, Insecticides, Organophosphorus compounds, Toxicology.

20093-68

TOXICOLOGICAL TESTING OF INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

F Hauschild

359-363

1965

Insecticides, Toxicology.

20094-68

REMEDY AND TREATMENT FOR INSECTICIDE POISONING. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

F Hauschild

593-596

1965

Insecticides, Poisoning, Treatment.

20095-68

PHARMACOLOGICAL AFFECT OF INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

F Hauschild

433-442

1965

Animals, Insecticides, Organophosphorus compounds, Pharmacology.

20096-68

LEGAL DETERMINATION FOR PROTECTION OF MEN AND DOMESTIC ANIMALS AGAINST EXPOSURE TO INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

E. Heinisch

599-618

1965

Health, Humans, Insecticides, Livestock, Toxicology.

20097-68

CHEMICAL VS ENVIRONMENTAL CHANGES. THEIR EFFECTS ON WILDLIFE.

W B Jackson

Pest Contr 35(7):30-31

Jul 1967 449.8 EX8

Chemical control (pests), Chlorinated hydrocarbons, DDT, Malathion, Toxicology, Wildlife.

20098-68

ABSORPTION, DISTRIBUTION AND EXCRETION OF KANAMYCIN IN ANIMALS. (RUS)

V G Koroleva

Antibiotiki 12(8):711-715 REF

Aug 1967 396.8 AN84

Absorption (biological), Animal physiology, Antibiotics, Excreta, Kanamycin. English abstract

20099-68

INJURY TO FAUNA THROUGH INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

W Kruel

469-508

1965

Bees, Insecticides, Wildlife.

20100-68

RESEARCH ON THE TOXICITY OF THALLIUM IONS ON THE EGG OF OURSIN PARACENTROTUS LIVIDUS. (FR)

R Lallicr

Acad Sci Compt Rend Ser D Sci Nat 267(10):962-964 REF

02 Sep 1968 505 P21

Biochemistry, Fish, Ions, Roe, Thallium, Toxicology. French abstract

20101-68

THE SAFE USE OF MODERN PESTICIDES.

L Lykken

Agr Chem 22(8):14-16

Aug 1967 381 AG8

Accident prevention, Pesticides, Public health, Toxicology.

20102-68

PHYSIOLOGICAL EFFECTS OF MALATHION ON THE HOUSE SPARROW, PASSER DOMESTICUS L..

K N Mehrotra Y P Beri S S Misra A Phokela

Indian J Exp Biol 5(4):219-221 REF

Oct 1967 442.8 IN2

Animal physiology, Cholinesterases, Insecticides, Malathion, Sparrows, Toxicology. English abstract

20103-68

VERIFICATION OF THE TOXICOLOGY OF THE VAPORIZED FORMULATIONS OF DICHLORVOS (DDVP) TO WHITE RATS. (POR)

D Mello

Biologico 33(9):204-206

Sep 1967 442.8 B529

Dichlorvos, Rats, Toxicology, Vapors. Portuguese abstract

20104-68

SAFETY ASPECTS IN HANDLING AGRICULTURAL CHEMICALS.

P W Smith

Aerial Appl 6(1):8-9,16

Jan 1968 333.8 AE8

Accident prevention, Aerial spraying, Pesticides, Toxicology.

20105-68

TOXICITY OF TRIPHENYLITIN DERIVATIVES.

T N Srivastava S K Tandon

Naturwissenschaften 55(8):391

Aug 1968 474 N213

Antibiotics, Bacteria, Biological assay, Fungi, Toxicology.

20106-68

EFFECT OF NICOTINE SULPHATE ON THE PERFORMANCE AND CARCASS QUALITY OF GROWING PIGS.

A C E Todd J O Scwell

Queensland J Agr Anim Sci 25(3):145-148

Sep 1968 23 Q37

Animal husbandry, Animal nutrition, Diet, Insecticides, Nicotine, Swine.

20107-68

DETOXIFICATION OF DDT BY THE PERFUSED BOVINE LIVER.

F M Whiting S B Hayard W H Brown J W Stull

J Dairy Sci 51(10):1612-1615 REF

Oct 1968 44.8 J822

Cattle, DDT, Liver, Metabolism, Toxicology. English abstract

20108-68

ULTRAVIOLET MICROSCOPY OF PURINES AND AMINO ACIDS IN THE VACUOLE OF CANDIDA ALBICANS.

E Balish G Svihla

J Bacteriol 96(1):259-265 REF

Jul 1968 448.3 J82

Amino acids, Candida albicans, Microscopy, Nitrogen, Purines, Pyrimidines, Ultraviolet rays. English abstract

UV microscopy to study Candida accumulation of UV absorbing materials. medium supplemented with purines, pyrimidines amino acids as Nitrogen source.

20109-68

INTERACTION OF ABSCISIN-II WITH SOME GROWTH REGULATING SUBSTANCES.

S N Bhardwaj Y P Abrol

Indian J Exp Biol 5(4):264-265 REF

Oct 1967 442.8 IN2

Abscission, Kinetin, Plant biochemistry, Plant growth inhibitors, Plant regulators. English abstract

20110-68

PARALLELISM BETWEEN THE VARIATIONS IN GROWTH AND TENDRIL MOVEMENT OF PEAS, TIED TO GENETIC DWARFISHNESS, GIBBERELIC ACID TREATMENTS AND TEMPERATURE CHANGES. (FR)

N Boyer

Acad Sci Compt Rend Ser D Sci Nat 265(25):1955-1957

18 Dec 1967 505 P21

Gibberellic acid, Peas, Plant dwarfing, Plant genetics, Plant growth inhibitors, Plant morphology, Plant physiology, Temperature. French abstract

20111-68

THE CHEMICAL DEFOLIATION OF FRUIT TREES. (FR)

Ch Grosclaude

Rev Zool Agr Appl 00(1-3):27-35 REF

1968 410.9 SO12

Agricultural chemistry, Defoliant, Defoliation, Hydroponics, Reviews, Trees.

20112-68

PHYTOTOXIC CHARACTERISTICS OF INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

G Grummer

619-623

1965

Insecticides, Phytotoxicity, Plant physiology.

20113-68

SECONDARY AFFECTS OF INSECTICIDES ON PLANTS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

J Hartisch

420-432

1965

Cytoplasm, Insecticides, Plant respiration, Plant transpiration, Plants.

20114-68

INHIBITION OF GIBBERELIC ACID-INDUCED GERMINATION BY ABSCISIC ACID AND REVERSAL BY CYTOKININS.

A A Khan

Plant Physiol 43(9):1463-1465 REF

Sep 1968 450 P692

Gibberellic acid, Plant biochemistry, Plant hormones, Plant physiology, Seed germination.

20115-68

THE ACTION OF GIBBERELLINS ON THE FRUITING OF GRAPES. (JA)

S Muranishi

Kyushu Univ Fac Agr Sci Bull 23(4):225-282 REF

Sep 1968 107.6 K995B

Fruit culture, Gibberellins, Grapes, Plant biochemistry, Plant histology, Plant reproduction. English abstract

20116-68

THE FATTY ACIDS OF WHEAT STRIPE RUST UREDOPORES.

G R Murray L L Jackson

Montana Acad Sci Proc 27(00):77

1967 500 M762

Fatty acids, Plant biochemistry, Puccinia striiformis, Stripe rust (wheat). English abstract

20117-68

EFFECT OF GIBBERELIC ACID ON STARCH CONTENT OF SOYBEAN (GLYCINE MAX L.) AND ITS CORRELATION WITH EXTENSION GROWTH.

K K Nanda R S Dhindsa

Plant Cell Physiol 09(3):423-432

Sep 1968 450 P699

Gibberellic acid, Plant physiology, Plant regulators, Soybeans, Starches. English abstract

20118-68

OCCURENCE OF 20-HYDROXY-ECDYSONE IN VITEX MEGAPOTAMICA. (GE)

H Rimpler G Schulz

Tetrahedron Lett 22:2033-2035

Jun 1967 385 T29

Hydroxy-ecdysone, 20-, Plant hormones, Vitex megapotamica.

20119-68

GROWTH INHIBITION OF MYCOPLASMA BY INHIBITORS OF POLYTERPENE BIOSYNTHESIS AND ITS REVERSAL BY CHOLESTEROL.

P F Smith C V Henrikson

J Bacteriol 91(5):1854-1858 REF

May 1966 448.3 J82

Cholesterol, Mycoplasma, Physiology, Plant biochemistry, Plant growth inhibitors, Polyterpenes. English abstract

CHEMISTRY

20120-68
MASS SPECTRA OF SOME CARBAMATES AND RELATED UREAS. II.

W R Benson J N D' Amico

Ass Offic Anal Chem J 51(2):347-365

Mar 1968 381 AS7

Carbamates, Decomposition, Dithiocarbamates, Mass spectra, Metabolites, Pesticide residues, Thiocarbamates, Urea compounds.

20121-68
REPORT ON CARBAMATE PESTICIDES.

W R Benson

Ass Offic Anal Chem J 51(2):310-311

Mar 1968 381 AS7

Carbamates, Dithiocarbamates, Food contamination, Pesticide analysis, Pesticide residues, Thiocarbamates.

20122-68
ANALYSIS OF CARBARYL IN FORMULATIONS.

E J Broderick R M Sherman G L Mack

Ass Offic Anal Chem J 51(2):379-381 REF

Mar 1968 381 AS7

Carbaryl, Formulations, Infrared spectra, Pesticide analysis, Ultraviolet rays.

20123-68
REPORT ON CHLORINATED PESTICIDES.

J A Burke

Ass Offic Anal Chem J 51(2):311-314

Mar 1968 381 AS7

Chlorinated hydrocarbons, Food contamination, Insecticide residues, Pesticide analysis.

20124-68
REPORT ON ANALYTICAL METHODS FOR PESTICIDE FORMULATIONS.

R L Caswell

Ass Offic Anal Chem J 51(2):259-260

Mar 1968 381 AS7

Formulations, Pesticide analysis.

20125-68
HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

W Eichler

755 PP

1965

Formulations, Insecticide residues, Insecticides, Pesticide analysis, Toxicology.

20126-68
SYNTHESIS OF 2-AMINOTHIAZOLE DERIVATIVES AS POTENTIAL PESTICIDES.

S Giri S C Shukla

Indian J Appl Chem 29(2,3):80-82

1966 385 IN293

Aminothiazole, 2-, Aspergillus niger, Chemical control (plant diseases), Fungicides, Synthesis, Thiazole compounds.

20127-68
USE OF RADIOACTIVE ISOTOPES IN INSECTICIDE RESEARCH. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

J Hartisch

364-371

1965

Carbon isotopes, Insecticides, Metabolism, Radioactive tracers.

20128-68
MACRO- AND MICROANALYTICAL CHEMISTRY OF INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

E Heinisch

253-296

1965

Chlorinated hydrocarbons, Insecticides, Organophosphorus compounds, Pesticide analysis, Pesticide residues.

20129-68
REPORT ON MULTIPLE RESIDUE METHODS.

L Y Johnson

Ass Offic Anal Chem J 51(2):318-319

Mar 1968 381 AS7

Chlorinated hydrocarbons, Crops, Food contamination, Organophosphorus compounds, Pesticide analysis, Pesticide residues.

20130-68
REPORT ON PHOSPHATED PESTICIDES.

K A McCully

Ass Offic Anal Chem J 51(2):319-322 REF

Mar 1968 381 AS7

Food contamination, Organophosphorus compounds, Pesticide analysis, Pesticide residues.

20131-68
SYNTHESIS OF ()-JUVA BIONE (METHYL ()-TODOMATUATE), A SESQUITERPENE ESTER WITH JUVENILE HORMONE ACTIVITY.

K Mori M Matsui

Tetrahedron Lett 26:2515

Jun 1967 385 T29

Abies balsamea, Hormones, Juvabione, Pyrrhocoris apterus, Stereochemistry, Synthesis.

20132-68
SEPARATION, IDENTIFICATION AND DETERMINATION OF FLUOROACETAMIDE RESIDUES IN WATER, BIOLOGICAL MATERIALS AND SOILS. II. IDENTIFICATION AND DETERMINATION BY GAS-LIQUID CHROMATOGRAPHY.

R Sawyer B G Cox E J Dixon J Thomson

J Sci Food Agr 18(7):287-289

Jul 1967 382 SO12

Chromatography, Fluoroacetamide, Pesticide analysis, Pesticide residues, Soils, Water.

20133-68
SEPARATION, IDENTIFICATION AND DETERMINATION OF FLUOROACETAMIDE RESIDUES IN WATER, BIOLOGICAL MATERIALS AND SOILS. I. ANALYTICAL TECHNIQUE.

R Sawyer L M Grisley B G Cox

J Sci Food Agr 18(7):283-286

Jul 1967 382 SO12

Fluoroacetamide, Pesticide analysis, Pesticide residues, Plants, Soils, Water.

20134-68
REPORT ON ELEVENTH ANNUAL MEETING OF THE COLLABORATIVE PESTICIDES ANALYTICAL COMMITTEE OF EUROPE.

M S Schechter R L Caswell

Ass Offic Anal Chem J 51(2):421-422

Mar 1968 381 AS7

Conferences, Pesticide analysis, World agricultural situation.

20135-68
REPORT ON FUNGICIDES, FUMIGANTS, AND MISCELLANEOUS.

R W Storherr

Ass Offic Anal Chem J 51(2):314

Mar 1968 381 AS7

Citrus, Food contamination, Fumigants, Fungicides, Grain, Pesticide analysis, Pesticide residues.

20136-68
PESTICIDE REFERENCE STANDARDS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA.

Y P Sun

Entomol Soc Amer Bull 14(3):238-248

Sep 1968 423.9 EN8

Freight transportation, Nomenclature, Pesticides, Properties, Reference materials, Toxicology, Trademarks.

20137-68
PHYSICAL TESTING OF COMMERCIAL PREPARATIONS OF INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

K Ullrich

297-303

1965

Emulsions, Formulations, Insecticides, Pesticide analysis.

20138-68
MANUFACTURE OF INSECTICIDAL COMMERCIAL PREPARATIONS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4.

K Ullrich

85-105

1965

Equipment, Formulations, Insecticides.

20139-68
REPORT ON ANALYTICAL METHODS FOR THE DETERMINATION OF ANTIBIOTICS IN FEEDS AND OTHER PRODUCTS.

W W Wright

Ass Offic Anal Chem J 51(2):268-269

Mar 1968 381 AS7

Antibiotics, Chemical analysis, Feed additives, Food contamination.

20140-68
REPORT ON HERBICIDES AND PLANT GROWTH REGULATORS.

G Yip

Ass Offic Anal Chem J 51(2):315-317 REF

Mar 1968 381 AS7

Citrus, Crops, Fish, Food contamination, Herbicides, Pesticide analysis, Pesticide residues, Plant regulators, Soil contamination, Water pollution.

ENGINEERING

20141-68
MOSQUITO CONTROL - SAN JOAQUIN STYLE. MEN, MACHINES, AND ORGANIZATION.

L R Brumbaugh

Pest Contr 36(4):10-12,14,16,18,49,50, 52

Apr 1968 449.8 EX8

Culicidae, Insect control, Spraying equipment, Water.

20142-68
EQUIPMENT FOR INSECTICIDE LABORATORIES AND INSECT BREEDING TO TEST INSECTICIDES. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)

W. Eichler

372-385

1965

Breeding, Equipment, Insecticides, Insects, Laboratories.

20143-68
A PRIMER FOR DEALERS: THE PRACTICAL USE OF AERIAL APPLICATION.

C M Voss

Agr Chem 23(3):25-28

Mar 1968 381 AG8

Aerial spraying, Costs, Fertilizers, Pesticides, Regulations.

INDUSTRY

ECONOMICS

20144-68
AGRICULTURAL PROBLEMS OF CEYLON.

D J Colwill

Pans (pest Articles News Sum) Sect A Insect Contr 13(3):241-246

Aug 1967 423.92 G798

Agricultural outlook, Agricultural policies, Environment, Hemileia vastatrix, Insect diseases.

INDUSTRY

20145-68

20145-68

RECENT ADVANCES IN TROPICAL ECOLOGY.

Pans (pest Articles News Sum) Sect A Insect Contr 13(3):299-300

Aug 1967 423.92 G798

Agricultural outlook, Biology, Breeding, Ecology.

20146-68

THE MEASUREMENT OF ENVIRONMENTAL FACTORS IN THE TERRESTRIAL ENVIRONMENT: NOTE ON A SYMPOSIUM OF THE BRITISH ECOLOGICAL SOCIETY AT THE UNIVERSITY, READING, ON 28-31 MARCH, 1967.

P T Walker

Pans (pest Articles News Sum) Sect A Insect Contr 13(3):301

Aug 1967 423.92 G798

Ecology, Environment, Morphology, Research, Surveys.

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EDUCATION

20147-68

THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967. LINCOLN, NEW ZEALAND. TRAINING ECOLOGISTS IN THE UNIVERSITY.

R A Harrison

New Zeal Entomol 4(1):3-7

Mar 1968 421 N48

Ecology, Education, Methodology.

20148-68

COURSE IN AGRICULTURAL PESTICIDES.

F B Thompson

New Zeal J Agr 115(1):91

Jul 1967 23 N48J

Agricultural education, Herbicides, Insecticides, Pesticide residues, Public relations, Toxicology.

REGULATIONS

20149-68

GERMAN PESTICIDE LAW MAY POSE PROBLEMS FOR U. S. FARM TRADE.

Nat Agr Chem Ass News Pesticide Rev 25(5):13-14

Jun 1967 421 AG8

Agricultural legislation, Agricultural products, Foreign trade, International law, Pesticide residues, Pesticides.

20150-68

PRINCIPLES FOR THE SELECTION OF COMMON NAMES FOR PESTICIDES AND PLANT-GROWTH REGULANTS.

Entomol Soc Amer Bull 14(3):249-250

Sep 1968 423.9 EN8

Chemicals, Legislation, Nomenclature, Pesticides, Plant physiology, Plant regulators. RINA ANACTINOTRICHES: PARASITIDAE). (FR)

C Athias-Henriot

Acarologia 09(4):669-761 REF

Dec 1967 434.8 AC1

Insect taxonomy, Mites, Zoogeography. French abstract

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- ABIES ALBA**
First occurrence of balsam woolly aphid in the interior of British Columbia. 19917
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Cone insects of grand fir, *Abies grandis* (Douglas) Lindley, in British Columbia. 19878
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On the teratology of the genus *Megachile* Latr. (Hym., Apidae). 19704
A teratological specimen of *Pycnoscelus surinamensis*. 19711
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Eradication of *Brucella canis* infection from a dog colony. 19991
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Interaction of abscisin-II with some growth regulating substances. 20109
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Immunological homology between crystal and spore protein of *Bacillus thuringiensis*. 19590
Absorption, distribution and excretion of Kanamycin in animals. 20098
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Ultrastructural enzyme localization in the surface of *Moniliformis dubius* (Acanthocephala). 20049
- ACARICIDES**
Some answers to the clover mite problem. 19335
Chemistry of insecticides. In: Eichler, W., ed., Handbook of insecticide knowledge. SB951.E4. 19682
- ACARINA**
Water mites of the genus *Stygomomonia* in North America (Acarina, Momoniidae). 19374
Six new Phytoseiidae from Florida (Acarina: Phytoseiidae). 19378
Notes on two new heteromorphic deutonymphs (Hypopi) (Acarina: Sarcoptiformes). 19393
The genus *Diarthrophallus* Tragardh, 1946. (Acarina: Diarthrophallidae). 19416
New species and records of Phytoseiidae (Acarina: Mesostigmata) from North Carolina forest litter. 19461
A new species of Carabodes from Jamaica (Acarina: Cryptostigmata). 19529
Phytoseiid mites from Okinawa Island (Acarina: Mesostigmata). 19598
Some aspects of the ecology of Arboreal cryptostigmata (Acarina) in New Zealand with special reference to the species associated with *Olearia colensoi* Hook. f.. 19727
Acari and Collembola of moorland soils from Yorkshire, England. I. Description of the sites and their populations. 19759
Acari and Collembola of moorland soils from Yorkshire, England. II. Vertical distribution in four grassland soils. 19760
- Acari and Collembola of moorland soils from Yorkshire, England. III. The micro-arthropod communities. 19761
Biological studies on *Paracheyletia bakeri* (Acarina: Cheyletidae). 19882
- ACAROLOGY**
A comparison between different mounting techniques commonly employed in acarology. 19723
- ACCIDENT PREVENTION**
Public health pesticides. 19535
Prospects for nonchemical insect control- an industrial view. 19622
Occupational hazards. 20089
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Acetone treatment for preservation of adult and larval mosquitoes. 19745
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Embryogenesis in *Hymenolepis diminuta*. V. Acetylcholinesterase in embryos. 20050
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DNA organization in the mature sperm of several orthoptera by the method of polarized fluorescence microscopy. 19780
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Electrophoretic studies of insect esterases. 19545
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DNA organization in the mature sperm of several orthoptera by the method of polarized fluorescence microscopy. 19780
- ACRIDIDAE**
Pycnosarcini, an additional tribe of Romalcine Acrididae (Orthoptera). 19423
Histological and histochemical data on the female genital organs and on the oothecal secretions of several Acridids (Orth. Acridoidea). 19431
Description and bioecological observations of a new species of *Scotussa* (Orthoptera, Acrididae). 19456
The Italian locust *Calliptamus italicus* L. (Orthoptera, Acrididae) in Kara-Kalpakia. 19733
DNA organization in the mature sperm of several orthoptera by the method of polarized fluorescence microscopy. 19780
- ACRYLAMIDE**
Electrophoretic studies of insect esterases. 19545
- ACUTICAUDA ERIGERONTIS**
Acuticauda erigerontis n. sp. a gall former on *Erigeron* (Hom. Aphididae). 19654
- ACYRTHOSIPHON PISUM**
Probing behavior of the pea aphid, *Acyrtosiphon pisum*. II. Comparisons of salivation and ingestion in host and non-host plant leaves. 19666
- ADHESIVES**
Phytotoxicity of sticker-fungicide combinations on tomato plants. 20090
- ADSORPTION**
Persistence of herbicides in soil. 20079
- Aedes**
Notes on the taxonomic characters and distribution of *Aedes aloponotum* Dyar and *Aedes Communis* (De Geer) (Diptera: (Culicidae). 19407
Developmental duration and hatching of the pupae of *Aedes (Ochlerotatus) punctor* (Kirby) (Diptera, Culicidae) under long daylight conditions in northern Sweden. 19742
Acetone treatment for preservation of adult and larval mosquitoes. 19745
Large scale field tests of low volume sprays (LV) in California mosquito control during 1967. 19867
The use of Dursban in low volume sprays in California mosquito control during 1967. 19885
- Aedes Aegypti**
The biochemical basis of female monogamy in mosquitoes. I. Extraction of the active principle from *Aedes aegypti*. 19607
On the histochemistry and histology of the mid-intestines of *Aedes aegypti* and *Anopheles stephensi* in connection with blood digestion. 19609
Dipterous eggs as food for adult Coccinellidae (Coleoptera: Coccinellidae). 19611
Toxicity, pick-up and metabolism of p,p'-DDT and related compounds in *Culex pipiens fatigans* and *Aedes aegypti*. 19638
- Aedes Dorsalis**
Current status of parathion resistance in Utah. 19758
- Aedes Hendersoni**
Some physical and chemical factors of tree rot holes. 19916
- Aedes nigromaculis**
Inspection and control techniques for the pasture mosquito, *Aedes nigromaculis*. 19677
Low volume trials in kings mosquito abatement district. 19875
- Aedes taeniorhynchus**
Update on USDA research for control of adult mosquitoes. 19657
- Aedes vexans**
Biometric observations on the imagoes of the mosquito *Aedes vexans* Meig from the region of Hodonin in 1966. 19690
- Aerial Dusting**
Experiences with aerial dusting in the Kern M. a. d. 1967. 19876
- Aerial Spraying**
General considerations relative to the use of very low volume larviciding in mosquito control. 19784
Large scale field tests of low volume sprays (LV) in California mosquito control during 1967. 19867
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Antigenic analysis of water forms of *Leptospira*. 19967

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- AGRICULTURAL OUTLOOK**
Proceedings: Twentieth Annual Meeting of the Utah Mosquito Abatement Association. 19582
Mosquito control, public relations and the press. 19671
Large scale field tests of low volume sprays (LV) in California mosquito control during 1967. 19867
An evaluation of methods for preventing termite damage to buildings. 19907
What low volume larviciding means to an operational mosquito control agency where economy is essential. 19914
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- AGRICULTURAL RESEARCH**
Advances in plant virus research. 19804
Agricultural entomology in the Lebanon. 19868
- AGRICULTURE**
Sen. Ribicoff introduces pesticide control bill. 20085
- AGROMYZIDAE**
Notes on the biology and distribution of Florida leafmining flies of the genus *Phytobia* loy, subgenus *Calycomyza* Hendel (Diptera: Agromyzidae). 19730
- AGRONOMY**
The effect of (2-chloroethyl) trimethylammonium chloride (CCC) on certain agronomic traits of barley. 19799
- AIR MICROBIOLOGY**
Role of relative humidity in the survival of air-borne *Mycoplasma pneumoniae*. 20016
- AIR-BORNE PLANT DISEASES**
Pseudomonas rubrisulbalbicans. 19807
Pseudomonas rubrilineans. 19810
Viruses and virus diseases of the grapevine. 19825
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Ceratocystis fimbriata. 19838
Ceratocystis paradoxa. 19839
Podosphaera tridactyla. 19840
Uromyces ciceris-arietini. 19851
- AIRCRAFT**
The principles of quantitative ecology and their application in entomology. Symposium, 1967 conference, May 9-11, 1967. Lincoln, New Zealand. Insects and birds on two New Zealand airfields. 20066

- ALDEHYDES**
The natural skin coating of the apple and its influence on scald in storage. II. Free fatty acids and carbonyl compounds. 20060
- ALDRIN**
Competition with Heptachlor dust and other chlorinated dust formulations for control of ant colonies of *Atta sexdens rubropilosa* Forel, 1908 and *A. laevigata* (F. Smith, 1858). 19798
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Zoologisches Institut der Bulgarischen Akademie
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- California State College, Fullerton
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G. W. Hooper Foundation
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